# Broadcom<sup>®</sup> NetXtreme<sup>®</sup> BCM57XX User Guide

Last revised: January 2021

2CS57XX-CDUM518

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# Section 1: Installing the Hardware

- Safety Precautions
- Preinstallation Checklist
- Installing the Adapter
- Connecting the Network Cables



**Note:** This section applies only to add-in NIC models of Broadcom NetXtreme Gigabit Ethernet adapters.

# **Safety Precautions**



**Caution!** The adapter is being installed in a system that operates with voltages that can be lethal. Before you remove the cover of your system, you must observe the following precautions to protect yourself and to prevent damage to the system components:

- · Remove any metallic objects or jewelry from your hands and wrists.
- · Make sure to use only insulated or non-conducting tools.
- · Verify that the system is powered OFF and unplugged before you touch internal components.
- Install or remove adapters in a static-free environment. The use of a properly grounded wrist strap or other personal antistatic devices and an antistatic mat is strongly recommended.

# **Preinstallation** Checklist

- **1.** Verify that your server is using the latest BIOS.
- 2. If your system is booted to an operating system, gracefully power down the OS.
- 3. When system shutdown is complete, turn off the power and unplug the power cord.
- **4.** Holding the adapter card by the edges, remove it from its shipping package and place it on an antistatic surface.
- **5.** Check the adapter for visible signs of damage, particularly on the card edge connector. Never attempt to install any damaged adapter.

# Installing the Adapter

The following instructions apply to installing the Broadcom NetXtreme Gigabit Ethernet adapter (add-in NIC) in most servers. Refer to the manuals that were supplied with your server for details about performing these tasks on your particular server.

- 1. Review the Safety Precautions and Preinstallation Checklist. Before installing the adapter, ensure the system power is OFF and unplugged from the power outlet, and that proper electrical grounding procedures have been followed.
- 2. Open the system case, and select any empty PCI Express slot.
- 3. Remove the blank cover-plate from the slot that you selected.
- 4. Align the adapter connector edge with the connector slot in the system.
- 5. Applying even pressure at both corners of the card, push the adapter card into the slot until it is firmly seated. When the adapter is properly seated, the adapter port connectors are aligned with the slot opening, and the adapter faceplate is flush against the system chassis.



**Caution!** Do not use excessive force when seating the card as this may damage the system or the adapter. If you have difficulty seating the adapter, remove it, realign it, and try again.

- 6. Secure the adapter with the adapter clip or screw.
- 7. Close the system case and disconnect any personal antistatic devices.

# **Connecting the Network Cables**

## Copper

The Broadcom NetXtreme Gigabit Ethernet adapter has one or more RJ-45 connectors used for attaching the system to an Ethernet copper-wire segment.



**Note:** The Broadcom NetXtreme Gigabit Ethernet adapter supports Automatic MDI Crossover (MDIX), which eliminates the need for crossover cables when connecting machines back-to-back. A straight-through Category 5 cable allows the machines to communicate when connected directly together.

1. Select an appropriate cable. Table 1: "10/100/1000BASE-T Cable Specifications" lists the cable requirements for connecting to 10/100/1000BASE-T ports:

Table 1: 10/100/1000BASE-T Cable Specifications

Port Type	Connector	Media	Maximum Distance
10BASE-T	RJ-45	Category 3, 4, or 5 UTP	100 meters (328 feet)
100/1000BASE-T <sup>1</sup>	RJ-45	Category 5 <sup>2</sup> UTP	100 meters (328 feet)

<sup>1</sup>1000BASE-T signaling requires four twisted pairs of Category 5 balanced cabling, as specified in ISO/IEC 11801:1995 and EIA/TIA-568-A (1995) and tested using procedures defined in TIA/EIA TSB95.

<sup>2</sup>Category 5 is the minimum requirement. Category 5e and Category 6 are fully supported.

- 2. Connect one end of the cable to the adapter.
- 3. Connect the other end of the cable to an RJ-45 Ethernet network port.



**Note:** After the cable is properly connected at both ends, the port LEDs on the adapter should be functional. See <u>Table 1: "10/100/1000BASE-T Cable Specifications," on page 8</u> for a description of network link and activity indications

# Section 2: Functionality and Features

- Functional Description
- Features
- Supported Operating Environments
- Network Link and Activity Indication

# Functional Description

Broadcom NetXtreme Gigabit Ethernet adapters connect a PCI Express™ compliant system to a Gigabit Ethernet network. Broadcom NetXtreme Gigabit Ethernet adapters incorporate a technology that transfers data at a maximum rate of 1 gigabit per second—10 times the rate of Fast Ethernet adapters.

Using the Broadcom teaming software, you can split your network into virtual LANs (VLANs) as well as group multiple network adapters together into teams to provide network load balancing and fault tolerance functionality. See Teaming and Broadcom Gigabit Ethernet Teaming Services for detailed information about teaming. See Virtual LANs for a description of VLANs. See Configuring Teaming for instructions on configuring teaming and creating VLANs on Windows operating systems.

## Features

The following is a list of the Broadcom NetXtreme Gigabit Ethernet adapter features for all supported operating systems:

- Integrated quad 10/100/1000BASE-T and quad 1000BASE-X/SGMII 1.25 Gbaud SerDes transceivers
- Energy Efficient Ethernet™ compliant with IEEE Std 802.3az-2010
- · IEEE 802.3ap Clause 73 auto-negotiation
- Quad 10/100/1000BASE-T full-duplex/half-duplex MACs
- Quad 1000BASE-X/SGMII full-duplex/half-duplex MACs
- Automatic MDI crossover
- x2 PCI Express v2.0 at 5 GT/s or 2.5 GT/s
- MSI and MSI-X capabilities—up to 17 MSIX vectors
- I/O Virtualization support for VMware NetQueue and Microsoft VMQ
  - 17 receive queues and 16 transmit queues
  - 17 MSI-X vectors supporting per queue interrupt to host
- · Flexible MSI-X vector to transmit/receive queue association
- Function Level Reset
- · Receive Side Scaling (RSS) with per queue MSI-X vector support and support for UDP RSS hash type
- Transmit Side Scaling (TSS) and multi-Tx queue with per queue MSI-X vector support
- · Jumbo frame support for up to 9000-byte payload

- Virtual LAN (VLAN) support— IEEE 802.1q VLAN tagging
- TCP, IP, UDP checksum offload
- Large Send Offload (LSO), TCP Segmentation Offload (TSO)
- · Hardware assist for IEEE 1588 and IEEE 802.1AS time synchronization implementations
- IEEE 802.3x flow control
- SMBus 2.0 Interface
- Statistics for SNMP MIB II, Ethernet-like MIB and Ethernet MIB (IEEE 802.3z, Clause 30)
- ACPI power management compliance
- Advanced power management by a Central Power Management Unit (CPMU)
- · Efficient integrated switching regulator controller
- On-chip temperature monitor
- PCI Express CLKREQ support
- Power Management Offload (PM Offload)
- Serial flash and EEPROM NVRAM support; flash auto-configure
- · ECC error detection and correction on internal SRAM
- JTAG boundary scan support

### **Power Management**

Wake on LAN (Magic Packet, Wake Up Frame, specific pattern) is supported.



**Note:** Adapter speed connection when the system is down waiting for a wake-up signal is either 10 Mbps or 100 Mbps, but can return to 1000 Mbps when the system is up and running if connected to a 1000 Mbps capable switch. Systems intending to use Wake on LAN (WOL) should be connected to a switch capable of both 1000 and 10/100 Mbps speeds.

### **Adaptive Interrupt Frequency**

The adapter driver intelligently adjusts host interrupt frequency based on traffic conditions, to increase overall application throughput. When traffic is light, the adapter driver interrupts the host for each received packet, minimizing latency. When traffic is heavy, the adapter issues one host interrupt for multiple, back-to-back incoming packets, preserving host CPU cycles.

### **Dual DMA Channels**

The PCIe interface on Broadcom NetXtreme Gigabit Ethernet adapters contains two independent DMA channels for simultaneous read and write operations.

### ASIC with Embedded RISC Processor

The core control for Broadcom NetXtreme Gigabit Ethernet adapters resides in a tightly integrated, highperformance ASIC. The ASIC includes a RISC processor. This functionality provides the flexibility to add new features to the card and adapts it to future network requirements through software downloads.

Broadcom NetXtreme manageability operations such as DMTF, SMASH, DASH, and NC-SI pass-through run on a high-performance application processor engine (APE), which is a separate from the traditional network processing engine.

# Supported Operating Environments

The Broadcom NetXtreme Gigabit Ethernet adapter has software support for the following operating systems:

- Microsoft<sup>®</sup> Windows<sup>®</sup> Server 2016 or 2019
- Linux<sup>®</sup> RHEL 7.9 or 8.3 SLES 15 SP 2
- VMware ESXi 6.7 U3 or ESXi 7.0 U1

## Network Link and Activity Indication

For copper-wire Ethernet connections, the state of the network link and activity is indicated by the LEDs on the RJ-45 connector, as described in Table 2: "Network Link and Activity Indicated by RJ-45 Port LEDs," on page 11. Broadcom Advanced Control Suite also provides information about the status of the network link and activity (see Viewing Adapter Information).

Table 2: Network Link and Activ	ty Indicated b	y RJ-45 Port LEDs
---------------------------------	----------------	-------------------

Port LED	LED Appearance	Network State
Link LED	Off	No link (cable disconnected)
	Continuously illuminated	Link (Green–1 Gb, Amber –10 or 100 Mb)
Activity LED	Off	No network activity
	Blinking	Network activity

# Section 3: Windows Driver and Management Application Installation

- Installing the Driver Software
- Modifying the Driver Software
- Repairing or Reinstalling the Driver Software
- Removing the Device Drivers
- Viewing or Changing the Properties of the Adapter
- Setting Power Management Options

# Installing the Driver Software

**Note:** These instructions are based on the assumption that your Broadcom NetXtreme adapter was not factory installed. If your controller was installed at the factory, the driver software has been installed for you.

When Windows first starts after a hardware device (such as a Broadcom NetXtreme Adapter) has been installed, or after the existing device driver has been removed, the operating system automatically detects the hardware and prompts you to install the driver software for that device.



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### Notes:

- Before installing the driver software, verify that the Windows operating system has been upgraded to the latest version with the latest service pack applied.
- A network device driver must be installed before the Broadcom NetXtreme Gigabit Ethernet adapter can be used with your Windows operating system. Drivers are located on the installation CD.

Download the driver installer from the following link:

#### http://www.dell.com/support

Use the self-extracting zip file.



## **Using Silent Installation**

Refer to the readme.txt file in the installation folder for command line instructions.



### Notes:

- All commands are case sensitive.
- For detailed instructions and information about unattended installs, refer to the Silent.txt file in the Driver\_Management\_Apps\_Installer folder.



**Note:** The REINSTALL switch should only be used if the same installer is already installed on the system. If upgrading an earlier version of the installer, use setup /s /v/qn as listed above.

# Modifying the Driver Software

### To modify the driver software

- 1. In Control Panel, double-click Add or Remove Programs.
- 2. Click Broadcom Drivers and Management Applications, and then click Change.
- 3. Click Next to continue.
- Click Modify, Add, or Remove to change program features. This option does not install drivers for new adapters. For information on installing drivers for new adapters, see Repairing or Reinstalling the Driver Software.
- 5. Click Next to continue.
- 6. Click on an icon to change how a feature is installed.
- 7. Click Next.
- 8. Click Install.
- 9. Click Finish to close the wizard.
- 10. The installer will determine if a system restart is necessary. Follow the on-screen instructions.

# Repairing or Reinstalling the Driver Software

### To repair or reinstall the driver software

- 1. In Control Panel, double-click Add or Remove Programs.
- 2. Click Broadcom Drivers and Management Applications, and then click Change.
- 3. Click Next to continue.
- 4. Click Repair or Reinstall to repair errors or install drivers for new adapters.
- 5. Click Next to continue.
- 6. Click Install.
- 7. Click Finish to close the wizard.
- 8. The installer will determine if a system restart is necessary. Follow the on-screen instructions.

# **Removing the Device Drivers**

When removing the device drivers, any management application that is installed is also removed.



**Note:** Windows Server 2008 and later provide the Device Driver Rollback feature to replace a device driver with one that was previously installed. However, the complex software architecture of the NetXtreme device may present problems if the rollback feature is used on one of the individual components. Therefore, we recommend that changes to driver versions be made only through the use of a driver installer.

### To remove the device drivers

- 1. In Control Panel, double-click Add or Remove Programs.
- 2. Click Broadcom Drivers and Management Applications, and then click Remove. Follow the on-screen prompts.
- **3.** Reboot your system to completely remove the drivers. If you fail to reboot your system, you will not be able to successfully install the drivers.

# Viewing or Changing the Properties of the Adapter

To view or change the properties of the Broadcom network adapter

- 1. In Control Panel, click Broadcom Control Suite 4.
- 2. Click the Advanced section of the Configurations tab.

## **Setting Power Management Options**

You can set power management options to allow the operating system to turn off the controller to save power or to allow the controller to wake up the computer. If the device is busy doing something (servicing a call, for example) however, the operating system will not shut down the device. The operating system attempts to shut down every possible device only when the computer attempts to go into hibernation. To have the controller stay on at all times, do not click the **Allow the computer to turn off the device to save power** check box.



**Note:** Power management options are not available on blade servers.



#### Notes:

- The Power Management tab is available only for servers that support power management.
- To enable Wake on LAN (WOL) when the computer is on standby, click **Allow the device to bring the computer out of standby** box.
- If you select **Only allow management stations to bring the computer out of standby**, the computer can be brought out of standby *only by Magic Packet*.



**Caution!** Do not select **Allow the computer to turn off the device to save power** for any adapter that is a member of a team.

# Section 4: Linux Driver and Management Application Installation

- Packaging
- Installing TG3 Driver Software
- Network Installations
- Unloading/Removing the TG3 Driver
- Driver Messages
- Teaming with Channel Bonding

# Packaging

The Linux TG3 driver is released in the following packaging formats (file names):

- Source RPM (tg3-*version*.3dkms.src.rpm)
- Supplemental (tg3\_sup-version.tar.gz)
- Compressed tar (tg3-version.tar.gz)

Identical source files to build the driver are included in both RPM and TAR source packages. The tar file contains additional utilities such as patches and driver disk images for network installation.

## Installing TG3 Driver Software

- Installing the Source RPM Package
- Building the Driver from the Source TAR File

## Installing the Source RPM Package

### Prerequisites:

- · Linux kernel source
- C compiler

### Procedure:

- 1. Install the source RPM package. rpm -ivh tg3-version.src.rpm
- 2. Change the directory to the RPM path and build the binary driver for your kernel (the RPM path is different for different Linux distributions).

cd /usr/src/redhat,OpenLinux,turbo,packages,rpm ... rpm -bb SPECS/tg3.spec or rpmbuild -bb SPECS/tg3.spec rpmbuild -bb SPECS/tg3.spec (for RPM version 4.x.x)



Note: During your attempt to install a source RPM package, the following message may be displayed:

error: cannot create %sourcedir /usr/src/redhat/SOURCE The most likely cause of the error is that the rpm-build package has not been installed. Locate the rpm-build package on the Linux installation media and install it using the following command:

rpm -ivh rpm-build-version.i386.rpm

Complete the installation of the source RPM.

**3.** Install the newly-built package (driver and man page). rpm -ivh RPMS/x86\_64/tg3-version.i386.rpm

Depending on the kernel, the driver is installed to the following path:

### 2.6.x kernels:

/lib/modules/kernel\_version/kernel/drivers/net/tg3.ko

4. Load the driver. modprobe tg3

To configure the network protocol and address, refer to the Linux version-specific documentation.

## **Building the Driver from the Source TAR File**

- 1. Create a directory (tg3-version) and extract the TAR files to the directory. tar xvzf tg3-version.tgz
- 2. Build the driver tg3.o as a loadable module for the running kernel. CD tg3-version make clean make; make install
- **3.** Test the driver by loading it. rmmod tg3

```
modprobe tg3
```

No message should be returned if this command runs properly.



Note: See the RPM instructions above for the location of the installed driver.

4. To configure network protocol and address, refer to the manuals supplied with your operating system.

# **Network Installations**

For network installations through NFS, FTP, or HTTP (using a network boot disk or PXE), use the tg3 driver that is part of the Linux operating system distribution.

# Unloading/Removing the TG3 Driver

- Unloading/Removing the Driver from an RPM Installation
- Removing the Driver from a TAR Installation

## Unloading/Removing the Driver from an RPM Installation

To unload the driver, use **ifconfig** to bring down all *ethX* interfaces opened by the driver, and then type the following:

rmmod tg3

If the driver was installed using **rpm**, do the following to remove it:

```
rpm -e tg3-<version>
```

## **Removing the Driver from a TAR Installation**

If the driver was installed using make install from the tar file, the tg3.o driver file has to be manually deleted from the operating system. See Installing the Source RPM Package for the location of the installed driver.

If there is an interface configuration that is related to the tg3 driver, then bring the interface down first by using **ifconfig ethx down** and then **rmmod tg3**.

# **Driver Messages**

The following are the most common sample messages that may be logged in the */var/log/messages* file. Use **dmesg -n/evel** to control the level at which messages appear on the console. Most systems are set to level 6 by default.

### **Driver Sign on**

tg3.c:version (date)

#### **NIC Detected**

eth#: Tigon3 [partno (BCM95xxx) rev 4202 PHY (57xx) (PCI Express) 10/100/1000BaseT Ethernet :00:xx:xx:xx:xx eth#: RXcsums [1] LinkChg REG [0] MIirq [0] ASF [0] Split [0] Wirespeed [1]TSOcap [1] eth#: dma\_rwctrl [76180000] ACPI : PCI interrupt 0000:02:02.0 [A] -> GSI 26 (level,low) -> IRQ 233

### **Flow Control**

tg3: eth#: Flow control is configured for TX and for RX.

#### Link Up and Speed Indication

tg3: eth#: Link is up at 1000 Mbps, full duplex.

### **Link Down Indication**

tg3: eth#: Link is down.

# Teaming with Channel Bonding

With the TG3 driver, you can team adapters together using the bonding kernel module and a channel bonding interface. Refer to your Linux documentation for more information on Linux Channel Bonding.

# Section 5: VMware Driver Software

- Packaging
- Drivers

## Packaging

The VMware driver is released in the following packaging format.

Table 3: VMware Driver Packaging

Format	Drivers
VMware VIB	vmware-esx-drivers-net-tg3-version.x86_64.vib

## **Drivers**

## Download, Install, and Update Drivers

To download, install, or update the VMware ESX/ESXi driver for NetXtreme I GbE network adapters, see http://www.vmware.com/support.

## **Driver Parameters**

### NetQueue

The optional parameter **force\_netq** can be used to set the number of Rx and Tx net queues. BCM57XX devices that support NetQueue are the BCM5718, BCM5719, and BCM5720.

Allowed values for x are -1 to 15:

- 1–15 will force the number of NetQueues for the given NIC.
- 0 disables NetQueue.
- -1 specifies to use the default driver NetQueue value.

The number of "x" entries can go up to 32, which means the maximum supported NICs = 32.

#### Example usage:

esxcfg-module -s force\_netq=-1,0,1,2 tg3]

- tg3 NIC 0: Use the default number of NetQueues.
- tg3 NIC 1: Disable the NetQueue feature.
- tg3 NIC 2: Use 1 NetQueue.
- tg3 NIC 3: Use 2 NetQueues.

Note that the NIC # above does not correspond to the vmnic<#>. The NIC number is the system vmnic probe order number. Optimally, the number of NetQueues matches the number of CPUs on the machine.

### **Driver Parameters**

Several optional parameters can be supplied as a command line argument to the vmkload\_mod command. These parameters can also be set via the esxcfg-module command. See the man page for more information.

## **Driver Defaults**

Parameter	Default Value	
Speed	Autonegotiation with all speeds advertised	
Flow Control	Autonegotiation with rx and tx advertised	
МТО	1500 (range 46–9000)	
Rx Ring Size	200 (range 0–511). Some chips are fixed at 64.	
Rx Jumbo Ring Size	100 (range 0–255). Not all chips support the jumbo ring and some chips that support jumbo frames do not use the jumbo ring.	
Tx Ring Size	511 (range (MAX_SKB_FRAGS+1) – 511). MAX_SKB_FRAGS varies on different kernels and different architectures. On a 2.6 kernel for x86, MAX_SKB_FRAGS is 18.	
Coalesce RX Microseconds	20 (range 0–1023)	
Coalesce RX Microseconds irq	20 (range 0–255)	
Coalesce rx frames	5 (range 0–1023)	
Coalesce rx frames irq	5 (range 0–255)	
Coalesce TX Microseconds	72 (range 0–1023)	
Coalesce tx usecs irq	20 (range 0–255)	
Coalesce tx frames	53 (range 0–1023)	
Coalesce tx frames irq	5 (range 0–255)	
Coalesce stats usecs	1000000 (approx. 1 sec.). Some coalescing parameters are not used or have different defaults on some chips.	
MSI	Enabled (if supported by the chip and passed the interrupt test).	
WoL	Disabled	

Table 4: VMware Driver Defaults

## **Driver Messages**

The following are the most common sample messages that may be logged in the file /var/log/messages. Use dmesg -n <level> to control the level at which messages will appear on the console. Most systems are set to level 6 by default. To see all messages, set the level higher.

## Driver Sign On

tg3.c:v3.118g (Jan 4, 2012)

### **NIC Detected**

vmnic0#: Tigon3 [partno (BCM95xxx) rev 4202 PHY (57xx) (PCI Express) 10/100/1000BaseT Ethernet :00:xx:xx:xx:xx vmnic0#: RXcsums [1] LinkChg REG [0] MIirq [0] ASF [0] Split [0] Wirespeed [1]TSOcap [1] vmnic0#: dma\_rwctrl [76180000] ACPI : PCI interrupt 0000:02:02.0 [A] -> GSI 26 (level,low) -> IRQ 233

#### Link Up and Speed Indication

tg3: vmnic0: Link is up at 1000 Mbps, full duplex. tg3: vmnic0: Flow control is on for TX and on for RX.

#### Link Down Indication

tg3: vmnic0: Link is down.

# Section 6: Specifications

- 10/100/1000BASE-T Cable Specifications
- Performance Specifications

# 10/100/1000BASE-T Cable Specifications

Table 5: 10/100/1000BASE-T Cable Specifications

Port Type	Connector	Media	Maximum Distance
10BASE-T	RJ-45	Category 3, 4, or 5 unshielded twisted pairs (UTP)	100m (328 ft)
100/1000BASE-T <sup>1</sup>	RJ-45	Category 5 <sup>2</sup> UTP	100m (328 ft)

<sup>1</sup>1000BASE-T signaling requires 4 twisted pairs of Category 5 balanced cabling, as specified in ISO/IEC 11801:1995 and ANSI/EIA/TIA-568-A (1995) and tested for additional performance using testing procedures defined in TIA/EIA TSB95.

<sup>2</sup>Category 5 is the minimum requirement. Category 5e and Category 6 are fully supported.

# **Performance Specifications**

### **Table 6: Performance Specifications**

Feature	Specification	
PCI Express™ Type Controllers (BCM57XX Controllers)		
PCI Express Interface	x1, x2, x4 link width	
PCI Express Aggregated Bandwidth (transmit and receive)	2.5 Gbps or 5.0 Gbps	
10/100/1000BASE-T	10/100/1000 Mbps (full-duplex)	

# Section 7: Troubleshooting

- Troubleshooting Checklist
- Checking for Network Link and Activity
- Checking if Current Drivers Are Loaded
- Running a Cable Length Test
- Testing Network Connectivity
- Broadcom Boot Agent
- Kernel Debugging over Ethernet
- Miscellaneous

# Troubleshooting Checklist



Caution! Before you open the case of your system, review Safety Precautions.

The following checklist provides recommended actions to take to resolve problems installing the Broadcom NetXtreme Gigabit Ethernet adapter or running it in your system.

- Inspect all cables and connections. Verify that the cable connections at the network adapter and the switch
  are attached properly. Verify that the cable length and rating comply with the requirements listed in
  Connecting the Network Cables.
- Check the adapter installation by reviewing Installing the Hardware. Verify that the adapter is properly seated in the slot. Check for specific hardware problems, such as obvious damage to board components or the PCI edge connector.
- Check the configuration settings and change them if they are in conflict with another device.
- Verify that your system is using the latest BIOS.
- Try inserting the adapter in another slot. If the new position works, the original slot in your system may be defective.
- Replace the failed adapter with one that is known to work properly. If the second adapter works in the slot where the first one failed, the original adapter is probably defective.
- Install the adapter in another functioning system and run the tests again. If the adapter passed the tests in the new system, the original system may be defective.
- Remove all other adapters from the system and run the tests again. If the adapter passes the tests, the other adapters may be causing contention.

# Checking for Network Link and Activity

See Testing Network Connectivity or Viewing Adapter Information to check the state of the network link and activity as indicated by the port LEDs.

# Checking if Current Drivers Are Loaded

### Windows

See Viewing Adapter Information to view useful information about the adapter, its link status, and network connectivity.

### Linux

To verify that the TG3 Linux driver is loaded properly, run:

lsmod | grep tg3

If the driver is loaded, a line similar to the one below is displayed, where *size* is the size of the driver in bytes, and *n* is the number of adapters configured.

Module	Size	Used by
TG3	size	n

# **Running a Cable Length Test**

In Windows environments, a cable length test can be run. See Analyzing Cables for information about running a cable length test.

# **Testing Network Connectivity**

**Note:** When using forced link speeds, verify that both the adapter and the switch are forced to the same speed, or that both sides are configured for auto-negotiation.

### Windows

Use the ping command to determine if the network connection is working.



**Note:** Network connectivity can also be tested using the <u>Testing the Network</u> feature in Broadcom Advanced Control Suite 2.

- 1. Verify that the drivers are loaded and enabled.
- 2. Verify that the cable is attached and you have a proper link.
- 3. Click Start, and then click Run.
- 4. Type cmd in the Open box, and then click OK.
- 5. Type ipconfig /all to view the network connection to be tested.
- 6. Verify that the IP address is correct for the network to which the adapter(s) is connected.
- 7. Type ping IP address, and then press ENTER.

The ping statistics that are displayed indicate whether the network connection is working or not.

### Linux

To verify that the Ethernet interface is up and running, run **ifconfig** to check the status of the Ethernet interface. It is possible to use **netstat -i** to check the statistics on the Ethernet interface. Go to Linux Driver Software for information on **ifconfig** and **netstat**.

Ping an IP host on the network to verify connection has been established:

From the command line, type ping IP address, and then press ENTER.

The ping statistics that are displayed indicate whether the network connection is working or not.

## **Broadcom Boot Agent**

Problem: Unable to obtain network settings through DHCP using PXE.

**Solution**: For proper operation make sure that the Spanning Tree Protocol (STP) is disabled or that portfast mode (for Cisco) is enabled on the port to which the PXE client is connected. For instance, set spantree portfast 4/12 enable.

# Kernel Debugging over Ethernet

**Problem**: When attempting to perform kernel debugging over an Ethernet network on a Windows 8.0 or Windows Server 2012 system, the system will not boot. This problem may occur with some adapters on systems where the Windows 8.0 or Windows Server 2012 OS is configured for UEFI mode. You may see a firmware error on screen, indicating that a Non Maskable Interrupt exception was encountered during the UEFI pre-boot environment.

**Solution**: Refer to the Microsoft knowledge base topic number 2920163, "Non Maskable Interrupt error during boot on a system which has been configured for kernel debugging over Ethernet".

## Miscellaneous

**Problem**: Large Send Offload (LSO) and Checksum Offload are not working on my team. **Solution**: If one of the adapters on a team does not support LSO, LSO does not function for the team. Remove the adapter that does not support LSO from the team, or replace it with one that does. The same applies to Checksum Offload.

# Section 8: Regulatory Information

- FCC Class B Notice
- VCCI Class B Notice
- CE Notice
- Canadian Regulatory Information (Canada Only)
- MIC Notice (Republic of Korea Only)
- BSMI

# FCC Class B Notice

Broadcom NetXtreme Gigabit Ethernet Controller BCM95721A211 BCM95722A2202

The equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) The device may not cause harmful interference, and 2) This equipment must accept any interference received, including interference that may cause undesired operation.

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio-frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- · Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

#### Do not make mechanical or electrical modifications to the equipment.



**Note:** If you change or modify the adapter without permission of Broadcom, you may void your authority to operate the equipment.

Broadcom Corporation 190 Mathilda Place Sunnyvale, California 94086 USA

# VCCI Class B Notice

The equipment is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.



**Caution!** The potential exists for this equipment to become impaired in the presence of conducted radio frequency energy between the frequency range of 59–66 MHz. Normal operation will return upon removal of the RF energy source.

## VCCI Class B Statement (Japan)

この装置は、情報処理装置等電波障害自主規制協議会(VCCI)の基準 に基づくクラスB情報技術装置です。この装置は、家庭環境で使用すること を目的としていますが、この装置がラジオやテレビジョン受信機に近接して 使用されると、受信障害を引き起こすことがあります。 取扱説明書に従って正しい取り扱いをして下さい。

## **CE Notice**

БЪЛГАРСКИ Bulgarian	Този продукт отговаря на 2006/95/ЕС (Нисковолтова директива), 2004/108/ЕС (Директива за електромагнитна съвместимост) и измененията на Европейския съюз.
	Европейски съюз, Клас В Това устройство на Broadcom е класифицирано за използване в типичната за Клас В
	жилищна среда. Изтолгана а "Пауларяния за съотватитема" спорат гораносованита пираутием и стандярти.
	която се съхранява в Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
ČESKÝ Czech	Bylo ustanoveno, že tento produkt splňuje směmici 2006/95/EC (nízkonapěťová směrnice), směrnici 2004/108/EC (směmice EMC) a dodatky Evropské unie.
	Evropská unie, třída B Toto zařízení společnosti Broadcom je klasifikováno pro použití v obvyklém prostředí domácností
	(třída B). Problášení o shodě" v souladu s výče uvedenými směrnicemi a normemi hvlo znracovéno a je
	uloženo v archivu společnosti Broadcom Corporation, 190 Mathikla Place, Sunnyvale, California
e	94086, USA.
Danish	Dette produkt er fundet i overensstemmelse med 2006/95/EC (Lavvoltsdirektivet), 2004/108/EC (EMC-direktivet) og den Europæiske Unions ændringer.
	Den Europæiske Union, Klasse B
	Denne Broadcom-enhed er klassificeret til anvendelse i et typisk Klasse B-hjemligt miljø. En "Overensstemmelseserklæring", som er i henhold til foregående direktiver og standarder, er
	udført og arkiveret hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
NEDERLANDS Dutch	Dit product is in overeenstemming bevonden met 2006/95/EC (Laagspanningsrichtlijn), 2004/108/EC (EMC-richtlijn) en æmendementen van de Europese Unie.
	Europese Unie/Klasse B
	Een "Verklaring van conformiteit" in overeenstemming met de voorgenoemde richtlijnen en
	standaarden is beschikbaar bij Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
English	This product has been determined to be in compliance with 2006/95/EC (Low Voltage Directive), 2004/108/EC (EMC Directive), and amendments of the European Union.
	European Union, Class B This Broadcom daving is classified for use in a trained Class B domestic anvironment
	A "Declaration of Conformity" in accordance with the preceding directives and standards has
	been made and is on file at Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
EESTLANE Estonian	Antud toode vastab direktiividele 2006/95/EU (Madalpinge direktiiv), 2004/108/EU (EMC direktiiv) ja ELi parandustele.
	Euroopa Liit, Klass B
	Antud Broadcom toode on klassifitseeritud kasutamiseks tuupilises B-klassi koduses keskkonnas. Vastavalt ülaltoodud direktiividele ja standarditele on koostatud "Vastavusdeklaratsioon", mis on
Finnish	Tämä tuote tävttää Euroopan unionin direktiivin 2006/95/EY (pienjännitedirektiivi) ja direktiivin
	2004/108/EY (sähkömagneettisesta yhteensopivuudesta annettu direktiivi), sellaisina kuin ne ovat
	muutettuina, vaatimukset.
	Euroopan unoni, luokka B Tämä Broadcom-laite on luokiteltu käytettäväksi tyypillisessä luokan B kotiympäristössä.
	Yllä mäinittujen direktiivien ja standardien mukainen vaatimustenmukaisuusvakuutus on tehty, ja sitä säilyttää Broadcom Comoration, 190 Mathilda Place, Sunnyvale, California 94086, USA
FRANÇAIS French	Ce produit a été déclaré conforme aux directives 2006/95/EC (Directive sur la faible tension), 2004/108/EC (Directive EMC) et aux amendements de l'Union européenne.
	Union européenne, classe B
	Cet appareil Broadcom est classé pour une utilisation dans un environnement résidentiel classique (classa B)
	Une « Déclaration de Conformité » relative aux normes et directives précédentes a été rédigée et
	est encepistrée aunrès de Broadcom Cornoration, 190 Mathilda Place, Sunnyvale, California
	94086. USA

DEUTSCH German	Es ist befunden worden, dass dieses Produkt in Ubereinstimmung mit 2006/95/EC (Niederspannungs-Richtlinie), 2004/108/EC (EMV-Richtlinie) und Ergänzungen der
	Europäischen Union steht.
	Europäische Union, Klasse B Dieses Gerät von Broadcom ist für die Verwendung in einer typisch häuslichen Umgebung der
	Klasse B vorgesehen. Eine Konformitätserklärung in Übereinstimmung mit den oben angeführten Normen ist
	abgegeben worden und kann bei Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
EΛΛΗΝΙΚΟΣ Greek	Το προϊόν αυτό συμμορφώνεται με τις οδηγίες 2006/95/ΕΕ (Οδηγία περί χαμηλής τάσης), 2004/108/ΕΕ (Οδηγία περί ηλεκτρομαγνητικής συμβατότητας), και τροποποιήσεις τους από την
	Ευρωπαϊκή Ένωση.
	Ευρωπαϊκή Ένωση, Κατηγορία Β Αυτή η συσκευή Broachom είναι κατάλληλη για χρήση σε ένα σύνηθες οικιακό περιβάλλον κατηγορίας Β.
	Μια «Δηλωση Συμμορφωσης» συμφωνα με τις προηγουμενες σοηγιες και προτυπα υπαρχει και είναι αρχειοθετημένη στο Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
MAGYAR Hungarian	A termék megfelel a 2006/95/EGK (alacsony feszültségű eszközökre vonatkozó irányelv), a 2004/108/EGK (EMC irányelv) és az Európai Unió ajánlásainak.
	Európai Unió, "B" osztály Ez a Broackom eszköz "B" osztályú besorolást kapott, tipikus lakossági kömyezetben való
	hasznalatra alkalmas. Az előbbiekben ismertetett irányelvek és szabványok szellemében "Megfelelőségi nyilatkozat"
	keszult, amely az irorszagi Broadcom Corporation, ISO Mathida Place, Sunnyvale, California
PORTUGUËS	Este produto está em conformidade com 2006/95/EC (Directiva de baixa tensão), com
Iberian Portuguese	2004/108/EC (Directiva de compatibilidade electromagnética) e com as alterações da União
. chagoese	União Europeia, Classe B
	Este dispositivo Broadcom está classificado para utilização num ambiente doméstico típico Classe B.
	Foi elaborada uma "declaração de conformidade" de acordo com as normas e directivas
	anteriores, encontrando-se arquivada na Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
ITALIANO Italian	Il presente prodotto è stato determinato essere conforme alla 2006/95/CE (Direttiva Bassa Tensione), alla 2004/108/CE (Direttiva CEM) e a rettifiche da parte dell'Unione Europea.
	Unione Europea, Classe B Il presente dispositivo Broadcom è classificato per l'uso nel tipico ambiente domestico di Classe
	B. Una "Dishiananiana di sanfarmità" sasanda ali standard a la disettina necesadanti è stata amarca a
	registrata presso Broadcom Corporation, 190 Mathida Place, Sunnyvale, California 94086, USA.
LATVISKS Latvian	Sis izstrādājums afbilst direktīvām 2006/95/EK (Direktīva par zemsprieguma iekārtām), 2004/108/EK (Direktīva par elektromagnētisko saderību) un to labojumiem Eiropas Savienības
	ietvaros.
	Eiropas Savienība, klase B Sī firmas Broadcom ražotā jerīce ir atzīta nar derīzu darbam B klasei atbilstošos mājas anstākļos
	"Atbilstības deklarācija", kas ir saskaņā ar iepriekšminētajām direktīvām un standartiem, ir
	sastādīta un tiek glabāta firmā Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
Lithuanian	Buvo nustatyta, kad šis produktas atitinka direktyvą 73/23/EEB (žemos įtampos direktyvą), 89/336/EEB (elektromagnetinio suderinamumo direktyvą) ir Europos Sąjungos pataisas.
	Europos Sajunga, B klasė
	Sis "Broadcom" prietaisas yra klasifikuotas naudoti įprastose B klasės gyvenamosiose aplinkose. Atitikties deklaracija pagal visas galiojančias direktyvas ir standartus yra sudaryta ir saugoma irašute faile Broadcom Composition, 190 Mathida Place Sympusia, California 94026 USA
	pasyla rate Droatcom Corporation, 170 Matmina Place, Sunnyvaie, Cantonna 74080, USA.

Unjoni Evropes, Klasi B         Dan it tagmir Broadcom in klassifilat ghallužu f moljent residenzjali tipku ti Klassi B. Saret "Diljanazzjoni ta Konformitä" b'konformitä mad-direttivi u ma'l-standardo innsemmijin qabel, u din tunsb iffajjata ghand Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94066, USA           POLSKI         Nineijszy produkti został określowy jako zgodny z dyskływą niskonapiesiową 2006/95/WE i dyrektywą zgodnoś ci elskitomagnetycznej 2004/108/WE oraz poprawkami do nich. Unia Europejdas, klasa B           POLSKI         Nineijszy radpatici eliny Broadcom zostało zakwalifikowane do klasy B, do użytku w typowych irodowiskach domowych.           Zgodnie ze stosownymi dyrektywami i nomami została sporządzona "Deklaracja zgodnoici", ktora jest dostęgna w aktach firmy Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA           ROMAN         S-s stabili da šacst produs respecti cerimple Directivel 2006/95/CE privind compatibilitatea electromagneticó ji ale amendamatelor Uninii Europena.           Unimes Europeani, Chas B         Acest schipament Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           SLOVENSKY         I stodkie polisidatkim smernite 2006/95/EC (menica o nizkom napiti); 2004/108/EC (smernica o elektomagnetickej kompatibilite) a neskoriim zneniśm a doplnkom Europski.           Europisał         Into zariedom triedy B je určené pre domáce prostvalie.           "Vylišanie o zhodó" vydané v silade s predchádzajúcini imarnismi a štandardni is a neshádza v poločnosti Broadcom triedy B je určené pre domáce prostvalie.           Slovenian         Ta izdelie je v siladu 2 200695/ES (D trektitva o elektr	Maltese	Gie stabbilit li dan il-prodott hu konformi ma' 2006/95/KE (Direttiva dwar il-Vultaĝĝ Baxx), 2004/108/KE (Direttiva EMC), u emendi ta' l-Unioni Ewropea.
Dan it-tagfmuf Broadcom hu klassifikat fjall utu f ambjettresidengiali tipdu vi Klassi B. Saret "Dkijaazgini tik Konformiti" biokoforniti amad-distrikti u ma' i-tistadardi imisommjin qabel, u din timab iffajjata ghand Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           POLSKI Polish         Ninejazy produkt został określony jsko zgodny z dyrektywą niskonapiąciową 2006/95/WE i dyrektywą zgodności elektromagnetycznej 2004/108/WE oraz poprawkami do nich.           Unia Europejaka, klasa B         Ninejaze urządzenie firmy Broadcom zostało zakwalifikowane do klasy B, do użytku w typowych irodowitkach domowych.           Zgódnie ze stosownymi dyrektywami i normani została sporządzona, "Dekkracja zgódności", która jast dostęna w aktach firmy Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           ROMAN         S.a stabilit da acest produs respecti cerimple Directivei 2006/95/CE privind echipamentele de josaś tarsiune, ale Directivei 2004/108/CE Directiva ELOC privind compatibilitites electromagnetici ji ale amandamentelor Unianii Buropene.           Uniane Europeani, Clasa B         Acest schipament Broadcom steclasificat pentru utilizare int-un media casnic tipic de Clasš B. Conform directivalor ji standardkoi de mai sus, a fost emisi o. "Decleastie de Conformitat", arhivatik la seliul Broadcom tiedy B je určené pre domise prostredie. "Vyhlásnie o zhode" vydnak v sulade s predehádzajúcimi smernicami a standardmi sa anechádza v spoleňcsti Broadcom tiedy B je určené pre domise prostredie. "Vyhlásnie o zhode" vydnak v sulade s predehádzajúcimi smernicami je standardkoi ta je bila sprzejet v slakha s predehodmini direktivan ologin razeda B. Ta izdelki je v sklakh z 2006/95/EC (Direktive o nicki napestit), 2004/108/ES (Direktive o elektromagnetii adruljivosti) in dopolnili Evr		Unjoni Ewropea, Klassi B
Start "Dikjaszgioni ta' Konformitä" b'konformitä mad-direttivi u ma' 1-istandardi insemmijin qabel, u din tinasi filigitas gland Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94066, USA.           POLSKI PolSh         Niniejszy produkt został określony jako zgodny z dyrektywą niskonapięciową 2006/95/WE i dyraktywą zgodności elektromagnetycznej 2004/108/WE orzzoprawkami do nich.           Unia Europejska, klas B         Niniejszy uzgłacnej fimy Broadcom zostało zakwalifikowane do klasy B, do użytku w typowych irodowikach domowych. Zgodnie ze stosowymi dyrektywami i normami została sporządzona "Dekkracja zgodności", która jest dostępna w aktach fimy Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           ROMAN         Sa stabilit da acet produs respecti cerimple Directivei 2006/95/CE privind echipamentel de josaš tensiume, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amendamentelor Uninii Europene.           Unimes Europeani, Chas B Acest echipament Broadcom corporation, 190 Mathida Place, Sumyvale, California 94066, USA.           SLOVENSKY         Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smernica o nizkom napáti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoriim zmenám a dophikom Európska;           Slovenian         Ta izdelak je v skladu z 2006/95/ES (Diraktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagneti združlivosti) in dopoknil Evropske unije.           Slovenian         Ta izdelak je v skladu z 2006/95/ES (Diraktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagneti združlivosti) in dopoknil Evropske unije.           Slovenian         Ta izdelak je v skladu z 2006/95/E		Dan it-taghmir Broadcom hukklassifikat ghall-uzu f'ambjent residenzjali tipiku ta' Klassi B.
gabel, u din tinsb iffijista ghand Broadcom Corporation, 190 Mathilda Place, Sumnyvale, California 94056, USA.           POLSKI         Niniejizy produkt został okreilowy jako zgodny z dyrektywą niskonapieciową 2006/95/WE i dyrektywą zgodności elektromagnetycznej 2004/108/WE oraz poprawkami do nich.           Unis Europejska, klasa B         Niniejizze urządzenie fimmy Broadcom została mywalifikowane do klasy B, do użytku w typowych irodowitakań domowych.           Zgódnie ze stosownymi dyrektywami i normani została sporządzona "Deklaracja zgódności", która jist dostegna w aktach fimny Broadcom Corporation, 190 Mathilda Place, Sumnyvale, California 94086, USA.           ROMAN         S.a stabilit da acest produs respectá cerimple Directivei 2006/05/CE privind echipamentele de josaš tarsiune, ale Directivei 2004/108/CE Directiva ELC privind echipamentele de josaš tarsiune, zie zakadenia de mai sus, a fost emiša o, Decleastje de Conformitate", achivati la sedul Broadcom este clasificat pentru utilizze int-un media casnic tipic de Clasă B. Conform directivalor ji standardzie de mai sus, a fost emiša o, Dacleastje de Conformitate", achivati la sedul Broadcom Corporation, 190 Mathilda Place, Sumnyvale, California 94086, USA.           SLOVENSKY         Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smernica o nizkom napiti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskofim manám a dophukom Európskej.           Európska, inia, Trieda B         Toto zariadenie Broadcom tiedy Djani v nilade s predokánjúcimi smernicami a itandardmi sa nachádra v spolochosti Broadcom tiedy SJCE (Direktiva o nizki napetsti), 2004/108/EC (Devita v o alektromagneti zizvijivosti) in dopolnil Evropska unije.           Slovenian         Ta izodelák je v siladu		Saret "Dikjarazzjoni ta' Konformità" b'konformità mad-direttivi u ma' l-istandards imsemmijin
POLSKI         Niniejszy produkt został określony jako zgodny z dyzktywą niskonapieciową 2006/95/WE i dyzektywą zgodności elektronagnetycznej 2004/108/WE oraz poprawkami do nich.           Unia Europejska, klas B         Niniejsz urzdzenie fimy Broałcom zostało zakwalifikowane do klasy B, do użytku w typowych irodowiskań domowych.           Zgodnie ze stosownymi dyzktywami i nomami została sporządzona "Deklaracja zgodności", która jast dostgna w aktach fimy Broałcom Corporation, 190 Mathida Place, Sumycałe, California 94086, USA.           ROMAN         S-a stabilit di acest produs respecti cerimple Directivei 2006/95/CE privind compatibilitate electromagnetickj i ale amendamentelor Uninii Europene.           Unimes Europeani, Clasa B         Acest achipament Broadcom oste clasificat pentru utilizare int-un mediu canic tipic de Clasi B. Conform directivelog i standardelor de mai sus, a fost emisă o "Declarație de Conformitate", arhivati la schul Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           SLOVENSKY Slovenian         Teato virobok vyhoruje požiadavkam smernice 2006/95/EC (smernica o nizkom napiti), 2004/108/EC (smernica o elektromagneticke] kompatibilite) a nekorimi za nachádza v spoločnosti Broadcom tedy B je určené pre domáce prostrelie. "Vyhlásmie o zhodé" vydané v súlade s prednádzajúcimi smernicmi a frandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           Slovenian         Ta izdelak je v kladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagneti ar/mijlivoti) in dopolni Evropsku unije.           Evropska unija, nared B Ta izdekorowa naprewi je razvrčena za uporabo v mačilnem bivahem okolju razreda B. dzjava o skladnostt		qabel, u din tinsab iffajljata ghand Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
POISI       Ovyratywą zgooności sieke omaginetycznej 2004/108/WE oraz poprawkami do inch.         Unia Europejaka, klasa B       Niniejsze urzążenie firmy Broadcom zostało zakwalifikowane do klasy B, do użytku w typowych isrodowiskach domowych.         Zgodnie ze stosownymi dyrsktywami i nomami została sporządzona "Dekkracja zgodności", która jest dostegna w aktach firmy Broadcom Corporation, 190 Mathida Place, Sumnyvale, California 94086, USA.         ROMAN       S-a stabilit di acest produs respectă ceringle Directivei 2006/95/CE privind echipamentele de joasă tamsime, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amadamentelor Uniunii Europene.         Uniumes Europeană, Clasa B       Acest echipament Eroadcom este clasificat pentru utilizare întun medin casnic tipic de Clasă B. Conform directivelor și standardor de mai sus, a fost emisă o "Declarație de Conformitate", arhivată la sadul Broadcom tred clasificat pentru utilizare întun medin casnic tipic de Clasă B. Conform directivelor și standardori e postiadivkâm smernice 2006/95/EC (smernica o nizkom napăti), 2004/108/EC (smernica o elektromagneticle] kompatibilite) a neskoriim zmenăm a dophkom Európsiaj.         Európata unia, Trieda B       Toto zaridenie Broadcom tiedy B je urôná pre domáce prostrelie. "Vyhlásenie o zhode" vydané v súlade s predchidzajúcimi smernicami a itandardni sa nachárza v spoloňnosti je bila sprejeta v skladu z proshodmimi direktivami m standardi in je sitranjara na naslovu Broadcom Corporation, 190 Mathida Place, Sumnyvale, California 94086, USA.         Slovenian       Ta izdelai je v skladu z 2006/95/EC (Direktiva o elektromagnetic), 2004/108/ES (Direktiva o elektromagnetic), 2004/108/ES (Direktiva o elektromagneti aduzijivosti ji dopohnili E	POLSKI	Niniejszy produkt został określony jako zgodny z dyrektywą niskonapięciową 2006/95/WE i
<ul> <li>Ninejsze urzążenie fumy Broałcom zostało zakwalifikowane do klasy B, do użytku w typowych środowiskach domowych.</li> <li>Zgodnie ze stosownych igytektywami i normami została sporządzona "Dekkracja zgodności", która jest dostęma w aktach firmy Broałcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ROMAN Sa stabilit că aset produs respectă cerinpile Directivei 2006/95/CE privind echipamentale de jocaš tensiune, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amendamentelor Uniunie Europeană, Ckasa B Acest echipament Broadcom este clasificat pentu utilizare înt-un mediu casnic tipic de Clasă B. Conform directivelor ji standardelor de mai suz, a fost emisă o "Declarație de Conformitate", arhivată la sadiul Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>SLOVENSKY Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smenica o nizkom napăti), 2004/108/EC (smenica o elektromagneticke] kompatibilite) a nekordim zmenám a dophnom Európskej.</li> <li>Európska únia, Trieda B</li> <li>Toto zariadenie Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>Slovenian Ta izdelek je v kladu z 2006/95/EC (Direktiva o naki: napetosti), 2004/108/ES (Direktiva o naki: napetosti), 2004/108/ES (Direktiva o naki: napetosti), 2004/108/ES (Direktiva o sikadnosti je bila sprejet u vskadu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>ESPANOL Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (EMC Direktiva o isklantosti je bila sprejet u vskadu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>EVENSK Svenski</li> <li>Svenski Dena produkt överansstämmer med EU-direktivet zono sa directivas y estiadneste a ticko</li></ul>	Polish	dyrektywą zgodności elektromagnetycznej 2004/108/ WE oraz poprawkami do nich.
<ul> <li>typovych środowiskach domowych.</li> <li>Zgodnie ze storownymi dyrektywami i normami została sporządzona "Deklaracja zgodności", która jest dostępna w aktach fimy Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>ROMAN</li> <li>S-a stabilit da acest produs respectă cerimpla Directivei 2006/95/CE privind achipamentele de joasă tarsiume, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitate electromagnetică și ale amadiamatelor Uninnii Europena.</li> <li>Uniume Europeană, Chas B</li> <li>Acest achipament Broadcom este clasificat pentru utilizare int-un media canic tipic de Claiš B. Conform directivelor și standardelor de mai sus, a fost emisă o "Declarație de Conformitate", arhivată la sediul Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>SLOVENSKY</li> <li>SLOVENSKY</li> <li>SLOVENSKY</li> <li>Zento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smemica o nizkom napăti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoriim zmenim a doplnkom Európekaj.</li> <li>Európzka únia, Trieda B</li> <li>Toto zarialenie Broadcom tiedy B je určené pre domáce prostredie. "Vyhlásmie o zhod" vydané v súlade s predchádzajúcimi smernicami a standardmi sa nachádza v spolchosti Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetin izdružljivosti) in dopohili Evropske unije.</li> <li>Evropacka unija, arzerd B</li> <li>Ta Broadcomova naprava je razvrščena za uporabo v značinem bivahem okolju razreda B. eliziva o skladnosti je bila sprejeta v skladu s predhodnimi drektivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>ESPANOL USA.</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 200</li></ul>		Niniejsze urządzenie firmy Broądcom zostało zakwalifikowane do klasy B do użytku w
Żgodnie ze stosownymi dyrektywami i normami została sporzątzona "Deklaracja zgodności", która jest dostąpna w aktach firmy Broadom Corporation, 190 Mathilda Place, Sumnyvale, California 94086, USA.         ROMAN Romanian       S-a stabilit di acest produr respecti ceringile Directive: 2006/95/CE privind echipamentele de joasă tensiume, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amendamentelor Uniunii Europene.         Uniunea Europeană, Chas B Acest schipament Broadcom este clasificat pentru utilizare într-un mediu canic tipic de Clasă B. Conform directivalor și standardelor de mai sus, a fost emisă o "Declarație de Conformitate", arivată la salul Broadcom Corporation, 190 Mathilda Place, Sumnyvale, California 94086, USA.         SLOVENSKY       Tento výrobok vyhovuje požiadavkám smernica 2006/95/EC (smemica o nizkom napătil), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoriim zmenám a doplnkom Európskaj.         Burópska inia, Trieda B Toto zariadenie Broadcom triedy B je určené pre domáce prostredie. "Vyhlásnie o zhode" vydané v súlade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoločnosti Broadcom triedy C Direktiva o naki: napetosti), 2004/108/EC (Drektiva o elektromagnetni adružijivosti) in dopolnii Evropske unije.         Slovenian       Ta izdelak je v skladu z 2006/95/EC (Direktiva o preshodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.         ESPANOL Spanish       Este producto se ha fabricado de conformidad on la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las eminendas de la Union Europea Unión Europea, Clare B Este di		typowych środowiskach domowych.
<ul> <li>króra jest dostepna w akteh firmy Broadcom Corporation, 190 Mafhilda Place, Sunnyvale, California 94086, USA.</li> <li>ROMÁN</li> <li>S-a stabilit oš acest produs respectă cerinple Directivei 2006/95/CE privind echipamentele de joasă tansiune, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amendamantelor Uniunii Europena.</li> <li>Uniunea Europeană, Casa B</li> <li>Acest echipament Broadcom este clasificat pentru utilizare într-un media canic tipic de Clasă B. Conform directivelor și standardicel de mai sus, a fost emită o "Declarație de Conformitate", arhivată la selui Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SLOVENSKY</li> <li>Tanto viçobol: vyhovuje požiadavkám smernice 2006/95/EC (smenica o nizkom napăti), 2004/108/EC (smernica o elektromagneticlej kompatibilite) a neskoršim zmenăm a doplakom Europeka;</li> <li>Europeka (nina, Trieda B</li> <li>Toto zariadenie Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v sklada z 2006/95/ES (Direktiva o naki napetosti), 2004/108/ES (Direktiva o elektromagneti a îtandardini sa nachádza v spolodnosti Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v sklada z 2006/95/ES (Direktiva o naki napetosti), 2004/108/ES (Direktiva o elektromagnetia na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ESPANOL</li> <li>ESPANOL</li> <li>ESte producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Broadcom corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ESPANOL</li> <li>ESPANOL</li> <li>ESte producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Boradcom corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>Svensish<th></th><th>Zgodnie ze stosownymi dyrektywami i normami została sporządzona "Deklaracja zgodności",</th></li></ul>		Zgodnie ze stosownymi dyrektywami i normami została sporządzona "Deklaracja zgodności",
California 94086, USA.           ROMAN         S-a stabilit di acest produs respectà cerimpla Directivei 2006/95/CE privind echipamentele de Joasă temsiune, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amendamentelor Uniunii Europene.           Uniumea Europeană, Chas B           Acest echipament Broadcom este clasificat pentru utilizare înt-um media casnic tipic de Clasă B. Conform directivelor și standardelor de mai sus, a fost emisă o., Declarație de Conformitate", arhivată la sadul Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           SLOVENSKY         Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smernica o nizkom napăti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoršim zmeniam a doplnkom Európska inia, Trieda B Toto zariadenie Broadcom triedy B je určené pre domáce prostradie. "Vyhlásenie o zhode" vydané v súlade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           Slovenian         Ta izdelak je v síladu z 2006/95/EC Urektiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni ziružljivosti) in dopolnili Evropske unije.           Evropska unija, nazred B Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B. «Lajava o skladnosti» je bila sprejeta v skladu s predhodnimi drektivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathida Place, Sumyvale, California 94086, USA.           ESPAÑOL         Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (EMC Directive) y las enmiendas de la Unión Europea Unión Europea, Clase B Este dispositivo Diradcom está clasificado		która jest dostępna w aktach firmy Broadcom Corporation, 190 Mathilda Place, Sunnyvale,
ROMÁN       S-a stabilt či acest produs respectă cerințele Directivei 2006/95/CE privind echipamentele de josă tensiune, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea electromagnetică și ale amendamentelor Uniunii Europene.         Uniunes Europeană, Chas B       Acest echipament Broadom este clasificat pentru utilizare int-um mediu casnic tipic de Clasă B. Conform directivelor și standardelor de mai sus, a fost emisă o "Declarație de Conformitate", arhivată la sediul Broadcom Corporation, 190 Mathilda Place, Sumpyuel, California 94086, USA.         SLOVENSKY       Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (memica o nizkom napăti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoršim zmenám a dophkom Európska;         Európska únia, Trieda B       Toto zariadenie Broadcom triedy B je urðené pre domáce prostradie.         "Vyhlásmie o zhodé" vydané v súlade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoloňosti Broadcom Corporation, 190, Mathilda Place, Sumyvale, California 94086, USA.         Slovenian       Ta izdelak je v skladu z 2006/95/EE (Direktiva o elektromagnetic advižujivosti) in dopohili Evropske unije.         Evropaka unija, razred B       Ta Broadcomova nagrava je razvřšena za uporabo v značilnem bivahem okolju razreda B.         «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi draktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190, Mathilda Place, Sumyvale, California 94086, USA.         ESPANOL       Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Direktivet), coh andr		California 94086, USA.
<ul> <li>Romanian joasa tensiune, ale Directive 2004/108/CE (Directive EMC) privind compatibilitates electromagnetica jale amendamentelor Uniunii Europene.</li> <li>Uniunea Europeană, Clasa B Acest echipament Broadcom este clasificat pentru utilizare înt-un media casnic tipic de Clasă B. Conform directivelor și standardelor de mai sus, a fost emisă o "Declarație de Conformitate", arhivată la sadiul Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>SLOVENSKY</li> <li>Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (mernice o nizkom napăti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskorim menám a doplnkom Európska;</li> <li>Európska únia, Trieda B Toto zariadenie Broadcom tiedy B je určené pre domáce prostredie. "Vyhlásnie o zhode" vydané v silade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 180 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>Slovenian Ta izdelek je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagneti zizulijivosti) in dopolnil Evropske unije.</li> <li>Evropska unija, narzed B Ta Broadcomova naprava je razvrščena za uporabo v mačilnem bivalnem okolju razreda B. dizjava o skladnostio je bila sprejeta v skladu so predhodnimi drektivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>ESPANOL Spanish</li> <li>Este producto se ha fabricado de conformidad on la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilida electromagnética 2004/108/EC (EMC Direktive)), ele union Europea.</li> <li>Union Europea, Clase B Este dispositivo Broadcom está clasificado para ser utilizado en un entomo doméstico convencional de Clase B.</li> <li>Se ha realizado um "Declarection de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada an Broadcom Corporation, 190 Mathilda Place,</li></ul>	ROMÂN	S-a stabilit că acest produs respectă cerințele Directivei 2006/95/CE privind echipamentele de
<ul> <li>Biedromagnetica și sia amendamentero Unimin Europene.</li> <li>Unimea Europeană, Chas B</li> <li>Acest echipament Broadcom este clasificat pentru utilizare înt-un mediu casnic tipic de Clasă B.</li> <li>Conform directivelor și standardelor de mai sus, a fost emisă o. "Declarație de Conformitate", arhivită la sediul Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94085, USA.</li> <li>SLOVENSKY</li> <li>Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smemica o nizkom napăti), 2004/108/EC (smarnica o elektromagnetickej kompatibilite) a neskoršim zmenám a dophkom Európskej.</li> <li>Európska únia, Trieda B</li> <li>Toto zariadenie Broadcom tiedy B je určené pre domáce prostredie.</li> <li>"Vyhlásnie o chodé" vydané v súlade s predchádzajúcími smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni afružljivosti) in dopolnili Evropske unije.</li> <li>Evropaka unija, razred B</li> <li>Ta Broadcomova naprava je razvrščena za uporabo v mačilnem bivalnem okolju razreda B.</li> <li>dzijava o skladnosti je bila sprejeta v skladu s predhodnimi drektivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ESPANOL</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emiendas de la Unión Europea.</li> <li>Unión Europea, Clase B</li> <li>Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está achivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SVENSK</li> <li>Denn àr Checlara B.</li> <li< th=""><th>Romanian</th><th>joasa tensiune, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea</th></li<></ul>	Romanian	joasa tensiune, ale Directivei 2004/108/CE (Directiva EMC) privind compatibilitatea
<ul> <li>Curunea Luropeana, Casa D</li> <li>Acest schipaman Broadcom este clasificat pentu utilizare înt-un mediu casnic tipic de Clasă B.</li> <li>Conform directivelor și standardelor de mai sus, a fost emisă o "Daclarație de Conformitata", arhivată la sediul Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>SLOVENSKY</li> <li>Tento výrobok vyhoruje požiadavkám smernice 2006/95/EC (smemica o nizkom napäti), 2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoršim zmenima a dophkom Európskej.</li> <li>Európeka inia, Trieda B</li> <li>Toto zariadenie Broadcom triedy B je určené pre domáce prostredie.</li> <li>"Vyhlásnie o zhode" vydané v súlade s predchádzajúcími smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Drektiva o elektromagnetni združljivosti) in dopohnili Evropske unije.</li> <li>Evropaka unija, razred B</li> <li>Ta Broadcomova naprava je razvrščena za uporabo v mačilnem bivalnem okolju razreda B.</li> <li>dzjava o skladnostiv je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ESPAÑOL</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para ser utilizado en un entomo doméstico convencional de Clase B</li> <li>Este dispositivo Broadcom está clasificado para ser utilizado en un entomo doméstico convencional de Clase B.</li> <li>Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada an Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>EVENSK</li> <li>Denna produkt överensstámmer med EU-direktivet</li></ul>		electromagnetica și ale amendamentelor Uniunii Europene.
<ul> <li>Conform directivelor şi standardelor de mai sus, a fost emisă o "Declarație de Conformitate", arhivată la sediul Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>SLOVENSKY</li> <li>Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smemica o nizkom napäti), 2004/108/EC (smemica o elektromagnetickej kompatibilite) a neskoršim zmenám a dophkom Európskaj.</li> <li>Európska únia, Trieda B Toto zariadenie Broadcom triedy B je určené pre domáce prostredie. "Vyhlásnie o zhode" vydané v súlade s predchádzajúcími smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni združljivosti) in dopolnili Evropske unije.</li> <li>Evropska unija, razred B Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivahem okolju razreda B. dizjava o skladnostiw je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.</li> <li>ESPANOL</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las ermiendas de la Unión Europea.</li> <li>Unión Europea, Clase B Este dispositivo Broadcom está clasificado para ser utilizado en un entomo doméstico convencional de Clase B. Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada an Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SVENSK</li> <li>Denna produkt överensstāmmer med EU-direktivet 2006/95/EC (lágspánningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligi den Europeiska unionen.</li> <li>Europeiska unionen, klas</li></ul>		Acest echipament Broadcom este clasificat pentru utilizare într-un mediu cavnic tinic de Clasă B
arhivată la sadiul Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.         SLOVENSKY         Slovakian         Zou4/108/EC (smernica o elektromagnetickej kompatibilite) a neskoršim zmenám a doplnkom Európskaj.         Európska únia, Trieda B Toto zariadenie Broadcom tiedy B je určané pre domáce prostradie. "Vyhlásenie o zhodé" vydané v súlade s predchádzajúcími smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.         Slovenian       Ta izdelék je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni združljivosti) in dopohili Evropske unije.         Evropska unija, razred B Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B. «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         ESPANOL Spanish       Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmendas de la Unión Europea.         Unión Europea, Clase B Este dispositivo Broadcom está clasificado para ser utilizado en un entomo doméstico convencional de Clase B. Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.         SVENSK       Denna produkt överensstämmer med EU-direktivet 2006/05/EC (lägspänningsdrektivet), 2004/108/EC (EMC direktivet), och andra ändringar		Conform directivelor si standardelor de mai sus, a fost emisă o "Declaratie de Conformitate".
SLOVENSKÝ       Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smemica o nizkom napšti),         Slovakian       2004/108/EC (smemica o elektromagnetickej kompatibilite) a neskorším zmenám a doplnkom         Európska, únia, Trieda B       Toto zariadenie Broadcom tiedy B je určené pre domáce prostredie.         "Vyhlásenie o zhode" vydané v súlade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190. Mathilda Place, Sumyvale, California 94086, USA.         Slovenian       Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napstosti), 2004/108/ES (Direktiva o elektromagnetni združljívosti) in dopolnili Evropske unije.         Evropska unija, razred B       Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B.         «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190. Mathilda Place, Sunnyvale, California 94086, USA.         ESPANOL       Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmiendas de la Unión Europea         Unión Europea, Clase B       Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B.         SveNSK       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, kkas B       Den här Broadcom-enheten är klassificerad		arhivată la sediul Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
Slovakian       2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskoršim zmenám a doplnkom Európskaji.         Európskaji.       Európskaji.         Slovakian       Natki and stradov stra	SLOVENSKÝ	Tento výrobok vyhovuje požiadavkám smernice 2006/95/EC (smemica o nízkom napätí),
Europskaj.         Europskaj         Europskaj         Toto zariadenie Broadcom triedy B je určené pre domáce prostredie. "Vyhlásenie o zhode" vydané v súlade s predchádzajúcími smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190. Mathida Place, Sumyvale, California 94086, USA.         Slovenian       Ta izdelak je v skladu z 200695/ES (Diraktiva o nizki napetosti), 2004/108/ES (Diraktiva o elektromagnetni združljivosti) in dopolnili Evropske unije.         Evropska unija, razred B       Ta Broadcomova naprava je razvrščena za uporabo v znčileme bivalnem okolju razreda B. dizjava o skladnostiv je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190. Mathilda Place, Sumyvale, California 94086, USA.         ESPANOL       Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las enmiendas de la Unión Europea.         Unión Europea, Clase B       Este dispositivo Broadcom está clasificado para ser utilizado en un entomo doméstico convencional de Clase B. Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está achivada an Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.         SVENSK       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lágspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, kkas B       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lágspänningsdirektivet), 2004/108/EC (EMC direktive	Slovakian	2004/108/EC (smernica o elektromagnetickej kompatibilite) a neskorším zmenám a doplnkom
Europska una, Irreda B           Toto zariadenie Broadcom triedy B je určené pre domáce prostredie. "Vyhlásenie o zhode" vydané v súlade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190 Mathilda Place, Sumyvale, California 94086, USA.           Slovenian         Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni združljivosti) in dopolnili Evropske unije.           Evropska unija, razred B         Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B. «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.           ESPAÑOL         Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmiendas de la Unión Europea.           Unión Europea, Clase B         Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.           SVENSK         Denna produkt överensstämmar med EU-direktivet 2006/95/EC (lágspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.           Europeiska unionen, kkas B         Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö. En "Forsäkan on överensstämmae" i enlighet med de föregående direktiven och standærderna har framställts och finns registerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, Cal		Europskej.
<ul> <li>"Vyhlásenie o zhode" vydané v silade s predchádzajúcimi smernicami a štandardmi sa nachádza v spoločnosti Broadcom Corporation, 190. Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>Slovenian</li> <li>Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni združljivosti) in dopolnili Evropske unije.</li> <li>Evropska unija, razred B</li> <li>Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B.</li> <li>«Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190. Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ESPAÑOL</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emiendas de la Unión Europea.</li> <li>Unión Europea, Clase B</li> <li>Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B.</li> <li>Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SVENSK</li> <li>Denna produkt överansstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.</li> <li>Europeiska unionen, klass B</li> <li>Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.</li> <li>En "Försäkran om öværensstämmelse" i enlighet med de föregående direktiven och standarderna har framstillts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>TURK</li> <li>TURK</li> <li>Bu ütinin 2006/95/EC (Düşük Voltaj Direktif), 2004/108/EC (EMC Direktifi</li></ul>		Europska unia, Frieda B Toto zariadania Broadcom triadu B ja určaná nea domáca neostradia
v spoločnosti Broadcom Corporation, 190 Maftilda Place, Sumnyvale, California 94086, USA.         Slovenian       Ta izdelek je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni združljivosti) in dopolnili Evropske unije.         Evropska unija, razred B       Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B. «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjma na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         ESPAÑOL       Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmiendas de la Unión Europea.         Unión Europea, Clase B       Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B. Se ha realizado uma "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada an Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         SVENSK       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B       Denna produkt överensstämmerse" i enlighet med de föregående direktiven och standarderna har framstillts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         TURK       Bu ütinin 2006/95/EC (Düşük Voltaj Direktif), 2004/108/EC (EMC Direktif), ve Avrupa Birliği ni ilavelerine uygun okluğu belirlenmiştir.		"Vvhlásenie o zhode" vvdané v súlade s predchádzajúcími smernicami a štandardmi sa nachádza
Slovenian       Ta izdelak je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o elektromagnetni združljivosti) in dopolnili Evropske unije.         Evropeka unija, razred B       Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B. «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190. Mathilda Place, Sunnyvale, California 94086, USA.         ESPAÑOL       Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmiendas de la Unión Europea.         Unión Europea, Clase B       Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B.         Svensk       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC diraktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B       Den när Broadcom-enheta är klassificerad för användning i vanlig klass B-bostadsmiljö.         Swedish       Türkish       Bu irimin 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği ni ilavelerine uygun okluğu belirlenmiştir.		v spoločnosti Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
<ul> <li>elektromagnetni združljivosti) in dopolnili Evropske unije.</li> <li>Evropska unija, razred B</li> <li>Ta Broadcomova naprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B.</li> <li>«Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190. Mathikla. Place, Sunnyvale, California.94086, USA.</li> <li>ESPANOL</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC</li> <li>Spanish</li> <li>(Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmiendas de la Unión Europea.</li> <li>Unión Europea, Clase B</li> <li>Este dispositivo Broadcom está clasificado para ser utilizado en un entomo doméstico convencional de Clase B.</li> <li>Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SVENSK</li> <li>Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.</li> <li>Europeiska unionen, klass B</li> <li>Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.</li> <li>En "Försäkran om överenstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>TÜRK</li> <li>TÜRK</li> <li>Bu ürtimin 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.</li> <li>Avrupa Birliği, B Smufi</li> </ul>	Slovenian	Ta izdelek je v skladu z 2006/95/ES (Direktiva o nizki napetosti), 2004/108/ES (Direktiva o
Evropska unija, razred B Ta Broadcomova næprava je razvrščena za uporabo v značilnem bivalnem okolju razreda B. «Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.ESPAÑOL SpanishEste producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las enmiendas de la Unión Europea. Unión Europea, Clase B Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B. Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.SVENSK SwedishDenna produkt överansstämmær med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen. Europeiska unionen, klass B Den här Broadcom-enheten är klassificærad för användning i vanlig klass B-bostadsmiljö. En "Försäkran om öværensstämmelse" i enlighet med de föregående direktiven och standærdærna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.TÜRK TURKshBu ürinün 2006/95/EC (Düşük Voltaj Direktif), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir. Avrupa Birliği's B Smifi		elektromagnetni združljivosti) in dopolnili Evropske unije.
<ul> <li>a Broacomova naprava je razvrscena za uporabo v Znácimem bivaném okolju razveda D.</li> <li>«Izjava o skladnosti» je bila sprejeta v skladu s predhodnimi direktivami in standardi in je shranjena na naslovu Broadcom Corporation, 190. Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>ESPANOL</li> <li>Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las emmiendas de la Unión Europea.</li> <li>Unión Europea, Clase B</li> <li>Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B.</li> <li>Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SVENSK</li> <li>Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.</li> <li>Europeiska unionen, klass B</li> <li>Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.</li> <li>En "Försäkran om överensstämmeke" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>TÜRK</li> <li>TÜRK</li> <li>TÜRK</li> <li>Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.</li> <li>Arrupa Birliği, B Smnfi</li> </ul>		Evropska unija, razred B
<ul> <li>SVENSK</li> <li>SVENSK</li> <li>Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.</li> <li>Europeiska unionen, klass B</li> <li>Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.</li> <li>Europeiska unionen, klass B</li> <li>Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.</li> <li>En "Försäkran om överensstämmele" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California Barna B Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.</li> <li>TÜRK</li> <li>TÜRK</li> <li>Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avnupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.</li> </ul>		la broancomova naprava je razvrscena za uporabo v znacimem otvamem okolju razveda b. "Izjava o skladnostiv ja bila sprajata v skladu s pradhodnimi diraktivami in standardi in ja
USA.ESPAÑOL SpanishEste producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las enmiendas de la Unión Europea. Unión Europea, Clase B Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B. Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.SVENSK SwedishDenna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen. Europeiska unionen, klass B Den här Broadcom-enheta är klassificerad för användning i vanlig klass B-bostadsmiljö. En "Försäkran om öværensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.TÜRK TURK TURKshBu ürünün 2006/95/EC (Düşük Voltaj Direktif), 2004/108/EC (EMC Direktift), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir. Avrupa Birliği, B Smifi		shranjana na naslovu Broadcom Corporation. 190 Mathilda Place. Sunnvyale. California 94086.
ESPAÑOL SpanishEste producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las enmiendas de la Unión Europea. Unión Europea, Clase B Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B. Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.SVENSK SwedishDenna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen. Europeiska unionen, klass B Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö. En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.TÜRK TurkishBu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun okluğu belirlenmiştir. Avrupa Birliği B Sunfi		USA.
Spanish       (Low Voltage Directive), la Directiva para compatibilidad electromagnética 2004/108/EC (EMC Directive) y las enmiendas de la Unión Europea.         Unión Europea, Clase B       Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico convencional de Clase B.         Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         SVENSK       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B       Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.         En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         TÜRK       Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği 'nin ilavelerine uygun okluğu belirlenmiştir.	ESPAÑOL	Este producto se ha fabricado de conformidad con la Directiva para bajo voltaje 2006/95/EC
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TÜRK       TÜRK         TÜRK       TÜRK         TÜRK       Bu ürünin 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa         Birliği B Sunfi		Directive) y las enmiendas de la Union Europea.
<ul> <li>convencional de Clase B.</li> <li>Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>SVENSK</li> <li>Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.</li> <li>Europeiska unionen, klass B</li> <li>Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.</li> <li>En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standardærna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.</li> <li>TÜRK</li> <li>TÜRK</li> <li>TURK</li> <li>Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.</li> </ul>		Este dispositivo Broadcom está clasificado para ser utilizado en un entorno doméstico.
Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         SVENSK       Denna produkt överansstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B       Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.         En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standardærna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         TÜRK       Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.         Avrupa Birliği, B Smifi       Avrupa Birliği, B Smifi		convencional de Clase B.
anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         SVENSK       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B       Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.         En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standardærna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         TÜRK Turkish       Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun okluğu belirlenmiştir.		Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas y estándares
94086, USA.         SVENSK         Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), Swedish         Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lågspänningsdirektivet), 2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B         Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.         En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathikla Place, Sunnyvale, California 94086, USA.         TÜRK Turkish       Bu ürümin 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun okluğu belirlenmiştir.         Avrupa Birliği, B Smifi		anteriores y está archivada en Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California
SVENSK       Denna produkt överensstämmer med EU-direktivet 2006/95/EC (lägspänningsdirektivet),         Swedish       2004/108/EC (EMC direktivet), och andra ändringar enligt den Europeiska unionen.         Europeiska unionen, klass B       Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.         En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathikla Place, Sunnyvale, California 94086, USA.         TÜRK       Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun okluğu belirlenmiştir.         Avrupa Birliği, B Smifi		94086, USA.
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Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.         En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathida Place, Sunnyvale, California 94086, USA.         TÜRK       Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun okluğu belirlenmiştir.         Avrupa Birliği, B Smifi		Europeiska unionen, klass B
En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.         TÜRK Turkish       Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.         Avrupa Birliği, B Smifi		Den här Broadcom-enheten är klassificerad för användning i vanlig klass B-bostadsmiljö.
har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.           TÜRK         Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa Birliği'nin ilavelerine uygun olduğu belirlenmiştir.           Avrupa Birliği, B Smıfi		En "Försäkran om överensstämmelse" i enlighet med de föregående direktiven och standarderna
TÜRK         Bu ürünün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa           Turkish         Birliği'nin ilavelerine uygun olduğu belirlenmiştir.           Avrupa Birliği, B Smifi         Avrupa Birliği, B Smifi		har framställts och finns registrerad hos Broadcom Corporation, 190 Mathilda Place, Sunnyvale, California 94086, USA.
Turkish Birliği'nin ilavelerine uygun okluğu belirlenmiştir. Avrupa Birliği, B Smifi	TÜRK	Bu ürümün 2006/95/EC (Düşük Voltaj Direktifi), 2004/108/EC (EMC Direktifi), ve Avrupa
Avrupa Birliği, B Smifi	Turkish	Birliği'nin ilavelerine uygun olduğu belirlenmiştir.
		Avrupa Birliği, B Smifi
Bu Broadcom cinazi,tipik bir Bisnifi, ev içi ortamda kullanılmak üzere siniflandırılmıştır. Yukarıda halistilan disaktiflar va standasları yuzmu alaşak his "Huzmuhik Baymu" haradamıştır.		Du Droadcom cinazi,tipik bir Disinifi, ev içi ortamda kullanılmak üzere sinifiandırılmıştır. Vukarıda halistilan disaktiflar va standarlara uyanı alarak his "Themuhik Raunu" hanslamıştır.
ve Broadcom Corporation, 190 Mathilda Place. Sunnvvale. California 94086. USA.		ve Broadcom Corporation, 190 Mathilda Place, Sunnvvale, California 94086. USA.

# Canadian Regulatory Information (Canada Only)

## Industry Canada, Class B

This Class B digital apparatus complies with Canadian ICES-003.

**Notice**: The Industry Canada regulations provide that changes or modifications not expressly approved by Broadcom could void your authority to operate this equipment.

## Industry Canada, classe B

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**Avis** : Dans le cadre des réglementations d'Industry Canada, vos droits d'utilisation de cet équipement peuvent être annulés si des changements ou modifications non expressément approuvés par Broadcom y sont apportés.

# MIC Notice (Republic of Korea Only)

### **B CLASS Device**

Broadcom NetXtreme Gigabit Ethernet Controller BCM95721A211 BCM95722A2202

기종별	사용자안내문
B급 기기	이 기기는 가정용으로 전자파적합등록을 한 기기로서 주거지역에서는 물론
(가정용)	모든 지역에서 사용할 수 있습니다.





Note that this device has been approved for non-business purposes and may be used in any environment, including residential areas.

## **BSMI**

BSMI通告(僅限於台灣)

大多數的 De11 電腦系統被 BSMI (經濟部標準檢驗局) 劃分為乙類數位裝置。但是,使用某些還件會使有些組態 的等級變成甲類。若要確定您的電腦系統適用等級,請檢查所有位於電腦底部或背面板、擴充卡安裝托架,以及 擴充卡上的 BSMI 註冊標籤。如果其中有一甲類標籤,即表示您的系統為甲類數位裝置。如果只有 BSMI 的檢磁 號碼標籤,則表示您的系統為乙類數位裝置。

一旦確定了系統的 BSMI 等級,請閱讀相關的 BSMI 通告。請注意,BSMI通告規定凡是未經 Dell Inc. 明確批准的擅自變更或修改,將導致您失去此設備的使用權。

此装置符合 BSMI (經濟部標準檢驗局) 的規定,使用時頻符合以下兩項條件:

- 此裝置不會產生有害干擾。
- 此裝置必須能接受所接收到的干擾,包括可能導致無法正常作業的干擾。

乙纇

此設備經測試證明符合 BSMI (經濟部標準檢驗局) 之乙類數位裝置的限制規定。這些限制的目的是為了在住宅區 安裝時,能防止有害的干擾,提供合理的保護。此設備會產生、使用並散發射頻能量;如果未遵照製造廠商的指 導手冊來安裝和使用,可能會干擾無線電通訊。但是,這並不保證在個別的安裝中不會產生干擾。您可以透過關 聞和開啓此設備來判斷它是否會對廣播和電視收訊造成干擾;如果確實如此,我們建議您嘗試以下列一種或多種 方法來排除干擾:

- 重新調整天線的接收方向或重新放置接收天線。
- 增加設備與接收器的距離。
- 將設備連接至不同的插座,使設備與接收器連接在不同的電路上。
- 請向經銷商或有經驗的無線電/電視技術人員查詢,以獲得幫助。