

Dell XC720xd

Getting Started Guide

Regulatory Model: E14S Series
Regulatory Type: E14S001



Notes, Cautions, and Warnings



NOTE: A NOTE indicates important information that helps you make better use of your computer.



CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Installation and configuration

 **WARNING:** Before performing the following procedure, review the safety instructions that came with the system.

Unpacking a rack system

Unpack your system and identify each item.

Assemble the rails and install the system in the rack following the safety instructions and the rack installation instructions provided with your system.

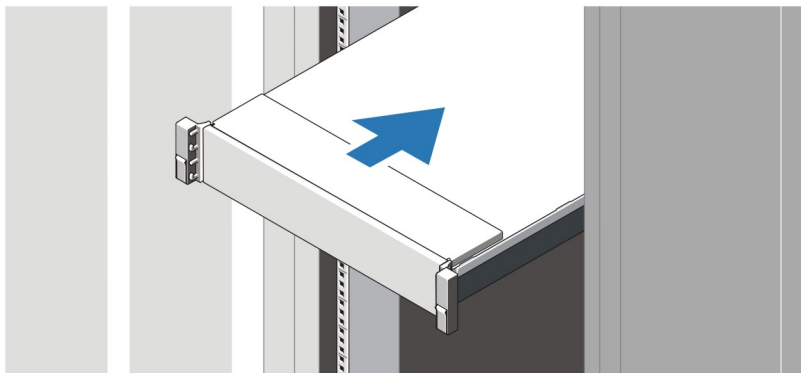


Figure 1. Installing the Rails and System in a Rack

Connecting the optional keyboard, mouse, and monitor

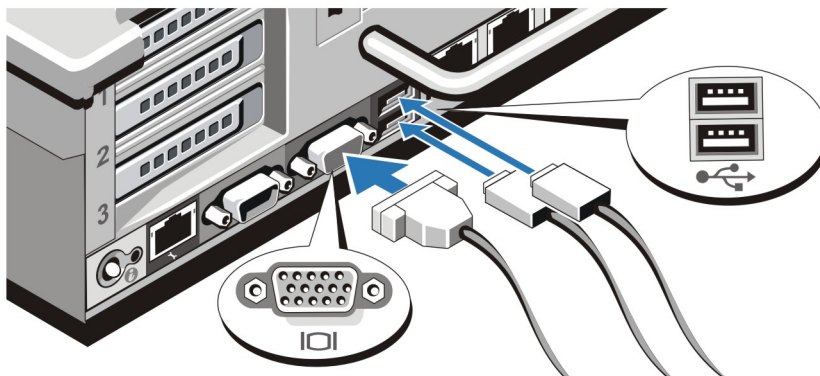


Figure 2. Connecting keyboard, mouse, and monitor

Connect the keyboard, mouse device, and monitor (optional).

The connectors at the back of your system have icons indicating which cable to plug into each connector. Be sure to tighten the screws (if any) on the monitor's cable connector.

Connecting the power cable(s)

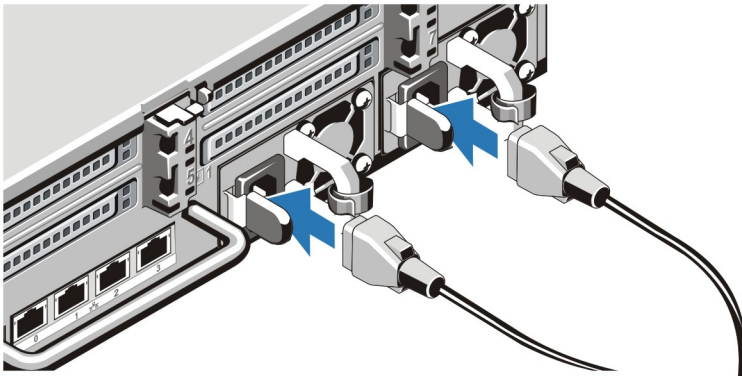


Figure 3. Connecting Power Cable(s)

Connect the system's power cable(s) to the system and, if a monitor is used, connect the monitor's power cable to the monitor.

Securing the power cable(s)

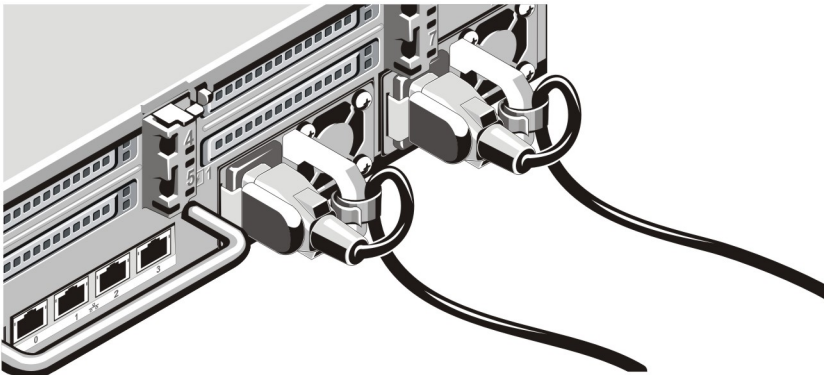


Figure 4. Securing power cable(s)

Bend the system power cable(s), as shown in the illustration, and attach to the cable strap.

Plug the other end of the power cable(s) into a grounded electrical outlet or a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU).

Turning on the system

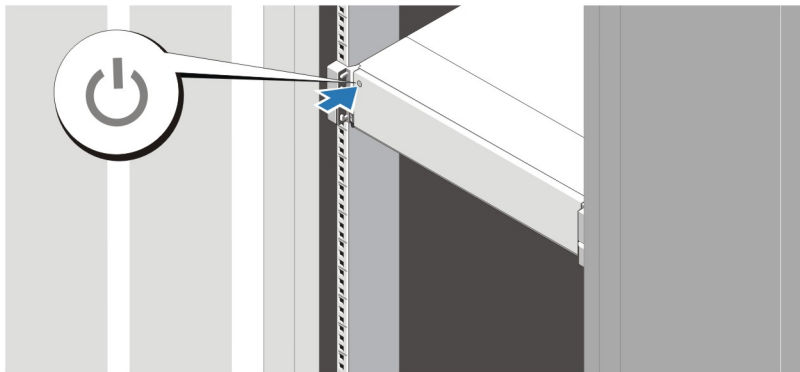


Figure 5. Turning on the system

Press the power button on the system. The power indicator LED must start glowing.

Installing the Bezel

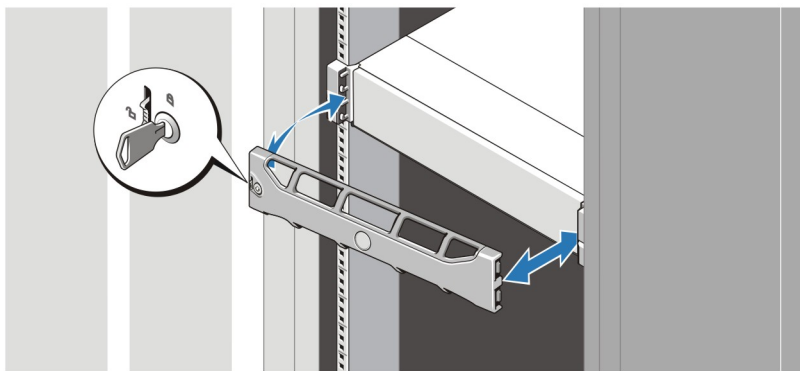


Figure 6. Installing the Bezel

Install the bezel.

Setting up the system

For information about setting up your system, see the Dell See the XC720xd Solutions Guide available at support.dell.com. The Solutions Guide also provides information about Nutanix Account setup, license activation and management, deployment and recovery of the system, documentation access, and managing the XC720xd.

Dell software license agreement


Before using your system, read the Dell and Nutanix Software License Agreements that came with your system. You must consider any media of Dell-installed software as BACKUP copies of the software installed on your system's hard drive. If you do not accept the terms of the agreements, call the customer assistance telephone number. For customers in the United States, call 800-WWW-DELL (800-999-3355). For customers outside the United States, see support.dell.com and select your country or region from the upper-left corner of the page.

Other information you may need

 **WARNING:** See the safety and regulatory information that shipped with your system. Warranty information may be included within this document or as a separate document.

- The *Solutions Guide* provides procedures about Nutanix account setup, license activation and management, deployment and recovery, documentation access, and XC720xd management. This document is available online at support.dell.com.
- The *Owner's Manual* provides information about system features and describes how to troubleshoot the system and install or replace system components. This document is available online at support.dell.com.
- The rack documentation included with your rack solution describes how to install your system into a rack, if required.
- Any media that ships with your system that provides documentation and tools for configuring and managing your system, including those pertaining to the operating system, system management software, system updates, and system components that you purchased with your system.


 **NOTE:** Always check for updates on support.dell.com and read the updates first because they often supersede information in other documents.

 **NOTE:** When upgrading your system, it is recommended that you download and install the latest BIOS, driver, and systems management firmware on your system from support.dell.com.

Obtaining technical assistance

If you do not understand a procedure in this guide or if the system does not perform as expected, see your system Owner's Manual. Dell offers comprehensive hardware training and certification. See dell.com/training for more information. This service may not be offered in all locations.

Technical specifications





 **NOTE:** The following specifications are only those required by law to ship with your system. For a complete and current listing of the specifications for your system, refer to XC720xd Owner's Manual available at support.dell.com.


Power

AC Power Supply (per power supply)

Wattage

750 W or 1100 W

Power	
Heat dissipation	2891 BTU/hr maximum (750 W)
 NOTE: Heat dissipation is calculated using the power supply wattage rating.	4100 BTU/hr maximum (1100 W)
Voltage	100–240 V AC, autoranging, 50/60 Hz
 NOTE: This system is also designed to be connected to IT power systems with a phase to phase voltage not exceeding 230 V.	
Battery	
Coin-cell battery	3 V CR2032 Lithium coin cell
Physical	
Height	87.3 mm (3.44 inch)
Width	
With rack latches	482.4 mm (18.98 inch)
Without rack latches	444 mm (17.48 inch)
Depth (includes bezel)	755.8 mm (29.75 inch)
Weight (maximum)	
3.5-inch hard disk drive systems	32.5 kg (71.5 lbs)
Weight (empty)	
3.5-inch hard disk drive systems	10.3 kg (22.7 lbs)
Environmental	
 NOTE: For additional information about environmental measurements for specific system configurations, see dell.com/environmental_datasheets .	
Temperature	
Operating	Continuous operation: 10 °C to 35 °C at 10% to 80% relative humidity (RH), with 26 °C max dew point. De-rate maximum allowable dry bulb temperature at 1 °C/300 m above 900 m (1 °F per 550 ft).
	 NOTE: For information about supported expanded operating temperature range and configurations, see support.dell.com .
Storage	–40 °C to 65 °C (–40 °F to 149 °F) with a maximum temperature gradation of 20 °C per hour.
Relative Humidity	

Environmental	
Operating	20% to 80% (noncondensing) at a maximum wet bulb temperature of 29 °C (84.2 °F)
Storage	5% to 95% at a maximum wet bulb temperature of 38 °C (100.4 °F)
Maximum Vibration	
Operating	0.26 G _{rms} at 5 Hz to 350 Hz (all operation orientations)
Storage	1.87 G _{rms} at 10 Hz to 500 Hz for 15 min (all six sides tested)
Maximum Shock	
Operating	One shock pulse in the positive z-axis (one pulse on each side of the system) of 31 G for 2.6 ms in all operational orientations.
Storage	<p>Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms.</p> <p>Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 32 G faired square wave pulse with velocity change at 270 inches/second (685 centimeters/second)</p>
Altitude	
Operating	<p>–15.2 m to 3048 m (–50 ft to 10,000 ft)</p> <p> NOTE: For altitudes above 2950 ft, the maximum operating temperature is derated 1°F/550 ft.</p>
Storage	–15.2 m to 10,668 m (–50 ft to 35,000 ft)
Airborne Contaminant Level	
Class	G1 as defined by ISA-S71.04-1985