# Dell OptiPlex 9020 Setup and Features Information

เกี่ยวกับคำเตือน

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คำเตือน: 'คำเตือน' จะชี้ถึงโอกาสเกิดความเสียหายกับทรัพย์สิน การบาดเจ็บ หรือการเสียชีวิต

#### Mini-Tower — Front and Back View

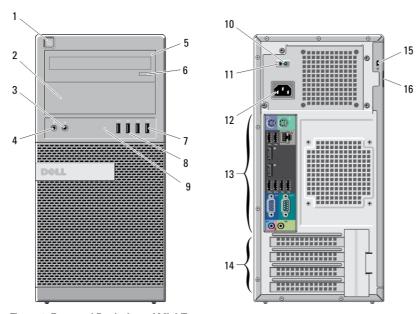


Figure 1. Front and Back view of Mini-Tower

- 1. power button, power light
- 2. optical-drive bay
- 3. headphone connector
- 4. microphone connector
- 5. optical drive (optional)

- 6. optical-drive eject button
- 7. USB 2.0 connectors (2)
- 8. USB 3.0 connectors (2)
- 9. drive activity light
- 10. power-supply diagnostic light





รุ่นตามข้อบังกับ: D13M, D07S, D06U ประเภทตามข้อบังกับ: D13M001, D07S001, D06U001 2013 - 02

- 11. power-supply diagnostic button
- 12. power connector
- 13. back panel connectors
- 14. expansion-card slots (4)

- 15. security-cable slot
- 16. padlock ring

# Mini-Tower — Back Panel View

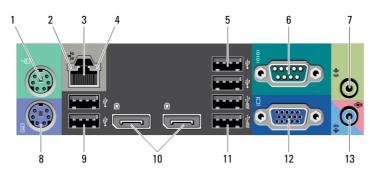


Figure 2. Back Panel view of Mini-Tower

- 1. mouse connector
- 2. network link-integrity light
- 3. network connector
- 4. network activity light
- 5. USB 2.0 connectors (2)
- 6. serial connector
- 7. line-out connector

- 8. keyboard connector
- 9. USB 2.0 connectors (2)
- 10. DisplayPort connectors (2)
- 11. USB 3.0 connectors (2)
- 12. VGA connector
- 13. line-in/microphone connector

## Small Form Factor — Front and Back View

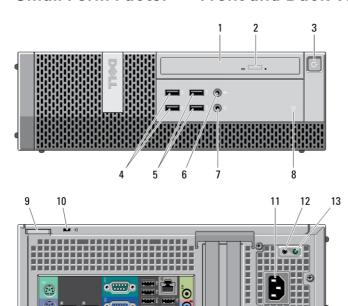


Figure 3. Back Panel view of Small Form Factor

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- 1. optical drive
- 2. optical-drive eject button
- 3. power button, power light
- 4. USB 2.0 connectors (2)
- 5. USB 3.0 connectors (2)
- 6. microphone connector
- 7. headphone connector
- 8. drive activity light

9. padlock ring

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- 10. security-cable slot
- 11. power connector
- 12. power-supply diagnostic button
- 13. power-supply diagnostic light
- 14. back panel connectors
- 15. expansion-card slots (2)

## Small Form Factor — Back Panel View

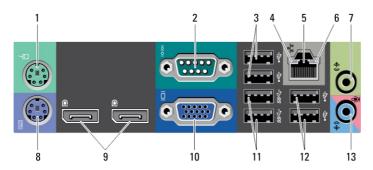


Figure 4. Back Panel View Of Small Form Factor

- 1. mouse connector
- 2. serial connector
- 3. USB 2.0 connectors (2)
- 4. network link-integrity light
- 5. network connector
- 6. network activity light
- 7. line-out connector

- 8. keyboard connector
- 9. DisplayPort connectors (2)
- 10. VGA connector
- 11. USB 3.0 connectors (2)
- 12. USB 2.0 connectors (2)
- 13. line-in/microphone connector

## Ultra Small Form Factor — Front and Back View

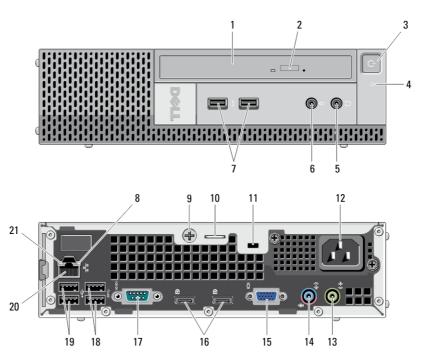


Figure 5. Front and Back View Of Ultra Small Form Factor

- 1. optical drive
- 2. optical-drive eject button
- 3. power button, power light
- 4. drive activity light
- 5. headphone connector
- 6. microphone connector
- 7. USB 3.0 connectors (2)
- 8. network activity light
- 9. captive thumbscrew
- o. captive trainboore
- 10. padlock ring
- 11. security-cable slot

- 12. power connector
- 13. line-out connector
- 14. line-in/microphone connector
- 15. VGA connector
- 16. DisplayPort connectors (2)
- 17. serial connector
- 18. USB 3.0 connectors (2)
- 19. USB 2.0 connectors (2)
- 20. network connector
- 21. network link-integrity light

# **Quick Setup**



WARNING: ก่อนเริ่มขั้นตอนใดๆ ในหัวข้อนี้ กรุณาอ่านข้อมูลด้านความปลอดภัยที่มาพร้อมกับคอมพิวเตอร์ สำหรับคำ แนะนำในการใช้งานที่เหมาะสม กรุณาดูได้จาก www.dell.com/regulatory\_compliance



NOTE: อุปกรณ์บางชนิดอาจไม่มีให้หากคุณไม่ได้สั่งซื้อ

1. Connect the monitor using only one of the following cables:

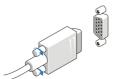


Figure 6. VGA Adapter



Figure 7. DisplayPort Cable

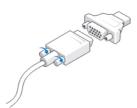


Figure 8. VGA To DisplayPort Adapter

2. Connect the keyboard or mouse (optional).



Figure 9. USB Connection

3. Connect the network cable (optional).



Figure 10. Network Connection

4. Connect the power cable(s).



Figure 11. Connecting Power

5. Press the power buttons on the monitor and the computer.



Figure 12. Turning On Power

# **Specifications**



NOTE: อุปกรณ์ที่ให้มาด้วยอาจแตกต่างกันในแต่ละพื้นที่ รายละเอียดทางเทคนิคต่อไปนี้เป็นส่วนที่อยู่ภายใต้เงื่อนไขของ กฎหมายสำหรับจัดส่งคอมพิวเตอร์ของกุณ กรุณาดูรายละเอียดเพิ่มเดิมเกี่ยวกับกอมพิวเตอร์ของกุณ โดยคลิก **Start** → **Help and Support** จากนั้นเลือกตัวเลือกเพื่อดูข้อมูลเกี่ยวกับกอมพิวเตอร์ของคุณ

Power:		
Voltage	100 VAC to 240 VAC	
Coin-cell battery	3 V CR2032 lithium coin cell	
Wattage:		

Power:		
Mini-Tower	290 W	
Small Form Factor	255 W	
Ultra Small Form Factor	200 W	
Maximum heat dissipation:		
Mini-Tower	989.00 BTU/hr	
Small Form Factor	870.00 BTU/hr	
Ultra Small Form Factor	682.40 BTU/hr	



**NOTE:** Heat dissipation is calculated by using the power supply wattage rating.

Physical	Mini-Tower	Small Form Factor	Ultra Small Form Factor
Height	360 mm (14.17 inches)	290 mm (11.42 inches)	237 mm (9.33 inches)
Width	175 mm (6.89 inches)	93 mm (3.66 inches)	65 mm (2.56 inches)
Depth	417 mm (16.42 inches)	312 mm (12.28 inches)	240 mm (9.45 inches)
Weight (minimum)	9.40 kg (20.72 lb)	6.00 kg (13.22 lb)	3.30 kg (7.28 lb)
Environmental			
Operating Temperature:		5 °C to 35 °C (41 °F to 9	5 °F)

# Information para NOM (únicamente para México)

The following information is provided on the device described in this document in compliance with the requirements of the official Mexican standards (NOM).

Voltaje de alimentación 100 VCA – 240 VCA

Frecuencia 50 Hz / 60 Hz

Consumo eléctrico 5,00 A / 4,40 A / 2,90 A

# Finding More Information and Resources

See the safety and regulatory documents that shipped with your computer and the regulatory compliance website at **www.dell.com/regulatory\_compliance** for more information on:

- · Safety best practices
- · Regulatory certification
- Ergonomics

See www.dell.com for additional information on:

- Warranty
- Terms and Conditions (U.S. only)
- End User License Agreement

Additional information on your product is available at www.dell.com/support/manuals.

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