Dell Precision M4800/M6800

Setup And Features Information

About Warnings

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

M4800 — Front, Back and Base View

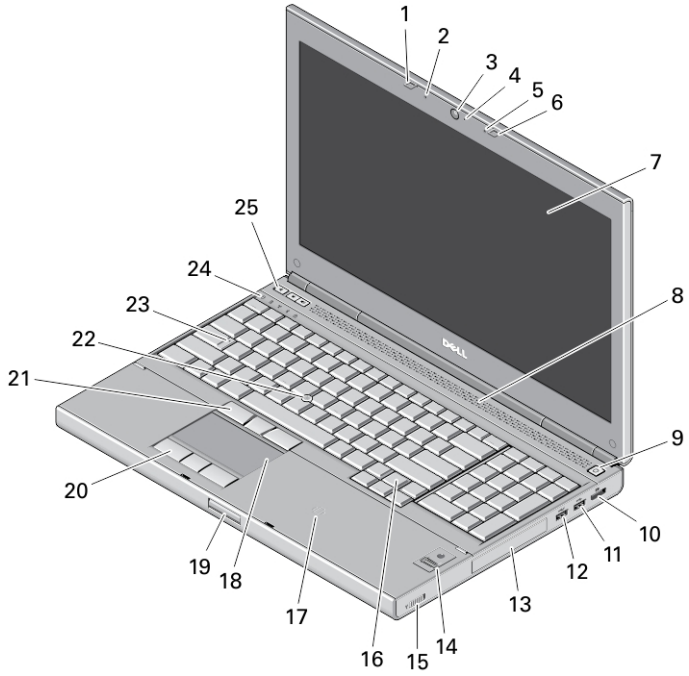

Figure 1. Front View

1. display latch
2. microphone

Regulatory Model: P30F, P20E
Regulatory Type: P20E001, P30F001
2013 - 04

3. camera (optional)
4. camera LED
5. microphone
6. display latch
7. display
8. speakers (2)
9. power button
10. DisplayPort connector
11. USB 3.0 connector
12. USB 3.0 connector with powershare
13. hard drive
14. fingerprint reader (optional)
15. wireless switch
16. keyboard
17. contactless card reader (optional)
18. touchpad
19. display latch release button
20. touchpad buttons (3)
21. track stick buttons (3)
22. track stick
23. caps lock LED
24. device status lights (hard drive, battery, wireless, Bluetooth, number lock status lights)
25. volume control buttons (mute, volume decrease, volume increase buttons)

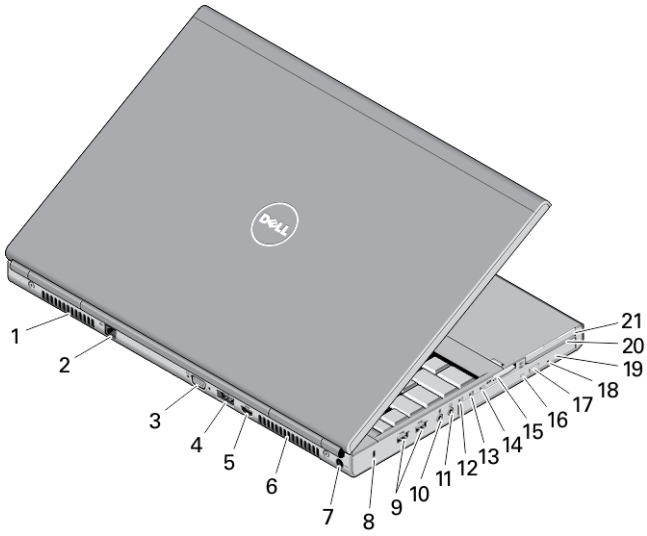

Figure 2. Back View

1. cooling vent
2. network connector
3. VGA connector
4. eSATA/USB 2.0 connector
5. HDMI connector
6. cooling vent
7. power connector
8. security cable slot

9. USB 3.0 connectors (2)
10. microphone connector
11. headphone connector
12. hard-drive status light
13. battery status light
14. power light
15. memory reader slot
16. optical drive status light
17. optical drive eject button
18. optical drive eject hole
19. optical drive
20. smart card reader slot (optional)
21. ExpressCard slot

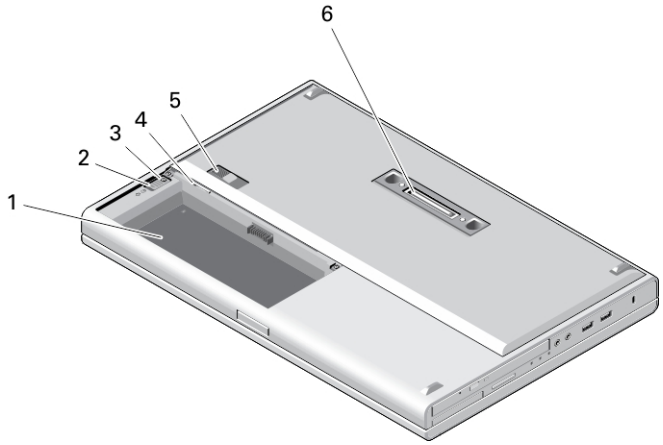

Figure 3. Base View

1. battery bay
2. HDD eject latch
3. HDD security screw
4. SIM slot
5. battery release latch
6. dock I/O port

M6800 — Front, Back and Base View

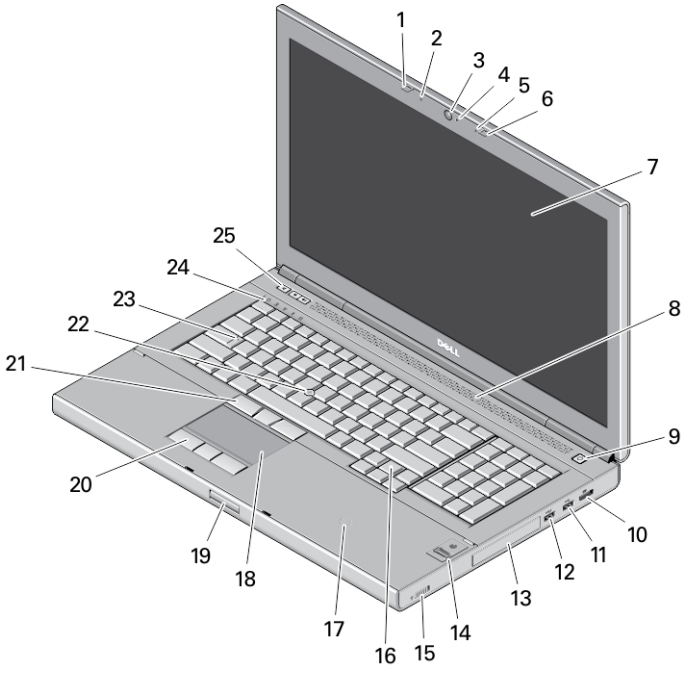

Figure 4. Front View

1. display latch
2. microphone
3. camera (optional)
4. camera LED
5. microphone
6. display latch
7. display
8. speakers (2)
9. power button
10. DisplayPort connector
11. USB 3.0 connector
12. USB 3.0 connector with powershare
13. hard drive
14. fingerprint reader (optional)
15. wireless switch
16. keyboard
17. contactless card reader (optional)
18. touchpad
19. display latch release button
20. touchpad buttons (3)
21. track stick buttons (3)
22. track stick
23. caps lock LED
24. device status lights (hard drive, battery, wireless, Bluetooth, number lock status lights)

25. volume control buttons (mute, volume decrease, volume increase buttons)

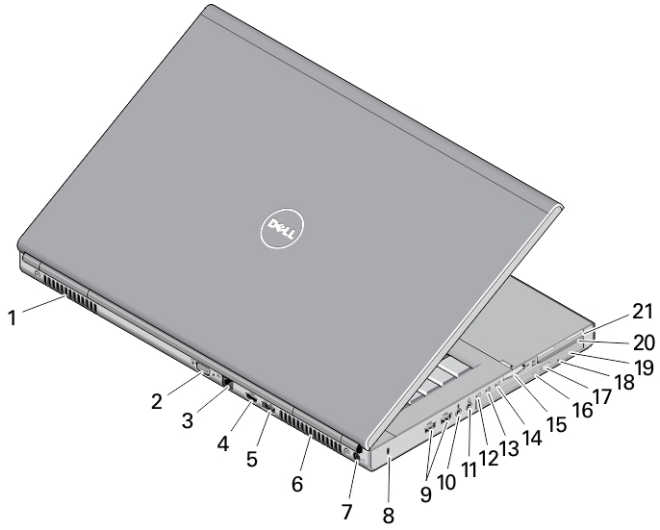

Figure 5. Back View

1. cooling vent
2. VGA connector
3. network connector
4. HDMI connector
5. eSATA/USB 2.0 connector
6. cooling vent
7. power connector
8. security cable slot
9. USB 3.0 connectors (2)
10. microphone connector
11. headphone connector
12. hard-drive status light
13. battery status light
14. power light
15. memory reader slot
16. optical drive status light
17. optical drive eject button
18. optical drive eject hole
19. optical drive
20. smart card reader slot (optional)
21. ExpressCard slot

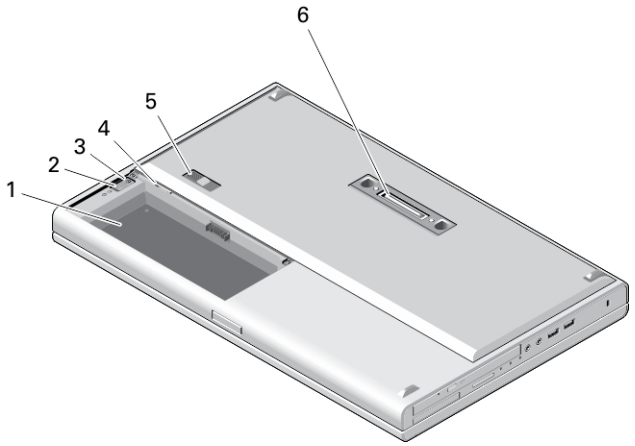

Figure 6. Base View

1. battery bay
2. HDD eject latch
3. HDD security screw
4. SIM slot
5. battery release latch
6. dock I/O port

Quick Setup

WARNING: Before you begin any of the procedures in this section, read the safety information that shipped with your computer. For additional best practices information, see www.dell.com/regulatory_compliance

WARNING: The AC adapter works with electrical outlets worldwide. However, power connectors and power strips vary among countries. Using an incompatible cable or improperly connecting the cable to the power strip or electrical outlet may cause fire or equipment damage.

CAUTION: When you disconnect the AC adapter cable from the computer, grasp the connector, not the cable itself, and pull firmly but gently to avoid damaging the cable. When you wrap the AC adapter cable, ensure that you follow the angle of the connector on the AC adapter to avoid damaging the cable.

NOTE: Some devices may not be included if you did not order them.

1. Connect the AC adapter to the AC adapter connector on the computer and to the electrical outlet.

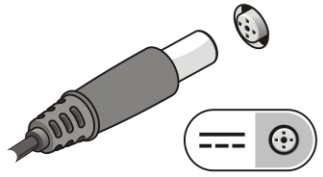

Figure 7. AC Adapter

2. Connect the network cable (optional).

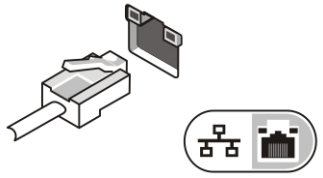

Figure 8. Network Connector

3. Connect USB devices, such as a mouse or keyboard (optional).

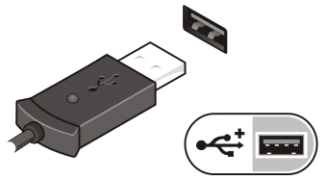

Figure 9. USB Connector

4. Open the computer display and press the power button to turn on the computer.

Figure 10. Power Button

NOTE: It is recommended that you turn on and shut down your computer at least once before you install any cards or connect the computer to a docking device or other external device, such as a printer.

Specifications

NOTE: Offerings may vary by region. The following specifications are only those required by law to ship with your computer. For more information regarding the configuration of your computer, click **Start** → **Help and Support** and select the option to view information about your computer.

NOTE: A 64-bit operating system is required to support systems with 2 GB or greater graphics and system memory. Significant system memory may be used to support graphics, depending on system memory size, operating system, and other factors. A 64-bit discrete graphics driver may be downloaded from **dell.com/support**.

Power	
AC Adapter	M4800: 180 W M6800: 240 W
Output	19.5 V
Input voltage	100 VAC - 240 VAC
Coin-cell battery	3 V / 210 mA

Physical	**M4800**	**M6800**
Height (Touch)		• Front: 36.1 mm (1.42 inches) • Rear: 40.2 mm (1.58 inches)
Height (Non-Touch)	• Front: 32.9 mm (1.29 inches) • Rear: 36.7mm (1.44 inches)	• Front: 33.1 mm (1.30 inches) • Rear: 37.2 mm (1.46 inches)
Width	376 mm (14.80 inches)	416.7 mm (16.40 inches)
Depth	256 mm (10.07 inches)	270.6 mm (10.65 inches)
Weight (Minimum)	2.89 kg (6.38 lb)	3.58 kg (7.89 lb)

Environmental	
Operating Temperature	0 °C to 35 °C (32 °F to 95 °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 VAC – 240 VAC
Frecuencia	50 Hz – 60 Hz
Consumo eléctrico	M4800: 2.34 A / 2.5 A
	M6800: 3.5 A
Voltaje de salida	19.50 V de CC
Intensidad de salida	9.23 A / 12.3 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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