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](image)

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

**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. headset connector
12. hard-drive status light
13. battery status light
14. power light
15. memory card 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. hard-drive eject latch
3. hard-drive security screw
4. SIM card slot
5. battery release latch
6. docking connector

**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
25. volume control 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. headset 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. hard-drive eject latch
3. hard-drive security screw
4. SIM card slot
5. battery release latch
6. docking connector

⚠️ WARNING: Do not block, push objects into, or allow dust to accumulate in the air vents. Do not store your Dell computer in a low-airflow environment, such as a closed briefcase, while it is running. Restricting the airflow can damage the computer or cause a fire. The computer turns on the fan when the computer gets hot. Fan noise is normal and does not indicate a problem with the fan or the computer.

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.

2. Connect the network cable (optional).
3. Connect USB devices, such as a mouse or keyboard (optional).

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

**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 comprehensive specification of your computer go to Specifications’ section in your Owner’s Manual available on the support site at dell.com/support. For more information about the configuration of your computer, go to Help and Support in your Windows operating system 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.

<table>
<thead>
<tr>
<th>Power</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>AC Adapter</td>
<td></td>
</tr>
<tr>
<td>M4800</td>
<td>180 W</td>
</tr>
<tr>
<td>M6800</td>
<td>240 W</td>
</tr>
<tr>
<td>Output</td>
<td>19.5 V</td>
</tr>
<tr>
<td>Input voltage</td>
<td>100 VAC - 240 VAC</td>
</tr>
</tbody>
</table>
## Power
Coin-cell battery 3 V / 210 mA

## Physical

<table>
<thead>
<tr>
<th></th>
<th>M4800 Non-Touch</th>
<th>M4800 Touch</th>
<th>M6800 Non-Touch</th>
<th>M6800 Touch</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front</td>
<td>32.9 mm (1.29 inches)</td>
<td>33.1 mm (1.30 inches)</td>
<td>36.1 mm (1.42 inches)</td>
<td></td>
</tr>
<tr>
<td>Back</td>
<td>36.7 mm (1.44 inches)</td>
<td>37.2 mm (1.46 inches)</td>
<td>40.2 mm (1.58 inches)</td>
<td></td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>376 mm (14.80 inches)</td>
<td>416.7 mm (16.40 inches)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>256 mm (10.07 inches)</td>
<td>270.6 mm (10.65 inches)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight (Minimum)</strong></td>
<td></td>
<td></td>
<td>2.89 kg (6.38 lb)</td>
<td>3.58 kg (7.89 lb)</td>
</tr>
</tbody>
</table>

## 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](http://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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