


Dell Precision T1600

Setup and Features Information

About Warnings

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

Front And Back View

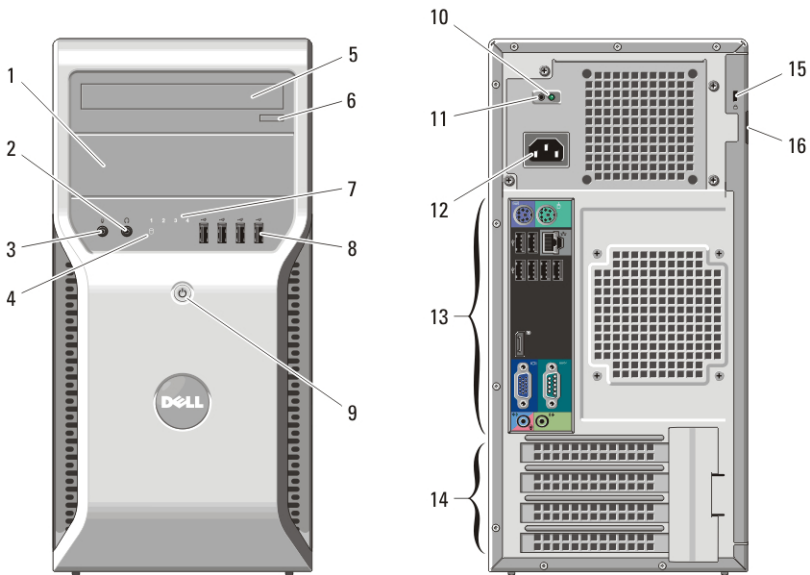


Figure 1. Front And Back View

- | | |
|------------------------------|-----------------------------------|
| 1. optical-drive bay | 6. optical drive eject button |
| 2. headphone connector | 7. diagnostic lights (4) |
| 3. microphone connector | 8. USB 2.0 connectors (4) |
| 4. hard-drive activity light | 9. power button, power light |
| 5. optical drive (optional) | 10. power-supply diagnostic light |



Regulatory Model : D09M
Regulatory Type : D09M001
2011 - 06

- 11. power-supply diagnostic button
- 12. power connector
- 13. back panel connectors
- 14. expansion card slots (4)
- 15. security cable slot
- 16. padlock ring

Back Panel

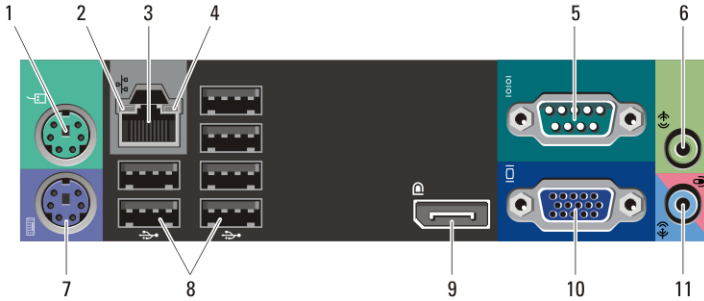


Figure 2. Back Panel View

- 1. mouse connector
- 2. link integrity light
- 3. network connector
- 4. network activity light
- 5. serial connector
- 6. line-out connector
- 7. keyboard connector
- 8. USB connectors (6)
- 9. DisplayPort connector
- 10. VGA connector
- 11. line-in/microphone connector

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.

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

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

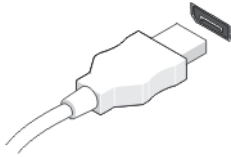


Figure 3. DisplayPort Cable

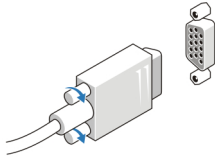


Figure 4. VGA Adapter

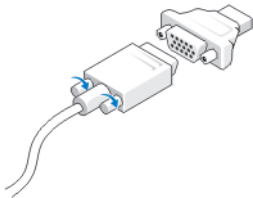


Figure 5. VGA To DisplayPort Adapter

2. Connect the USB keyboard or mouse (optional).

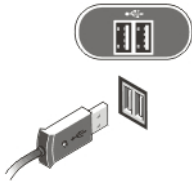


Figure 6. USB Connection

3. Connect the network cable (optional).

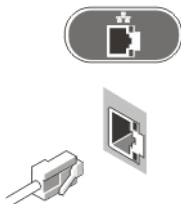


Figure 7. Network Connection

4. Connect the modem (optional).

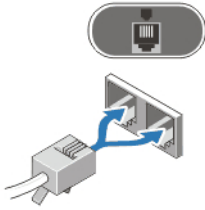


Figure 8. Modem Connection

5. Connect the power cable(s).



Figure 9. Connecting Power

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

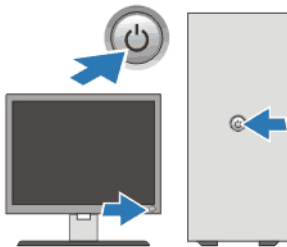


Figure 10. Turning On Power

Specifications



NOTE: The following specifications are only those required by law to ship with your computer. For a complete and current listing of the specifications for your computer, go to support.dell.com.

System Information

Chipset Intel C206 chipset

Processor

Processor

- Intel Core i-series
- Intel Xeon E3–1200 series

Video

Video type:

Integrated Intel HD Graphics 2000/3000

Discrete PCI Express x16 graphics card

Integrated video memory Up to 1.7 GB shared video memory (Microsoft Windows Vista and Windows 7)

Memory

Memory module connector: four DIMM slots

Memory module capacity 1 GB, 2 GB, and 4 GB

Type ECC/Non–ECC DDR3, 1333 MHz

Minimum memory 1 GB

Maximum memory 32 GB

Drives

Externally accessible:

5.25 inch drive bays two

Internally accessible:

3.5 inch SATA drive bays two

2.5 inch SATA drive bays four

Control Lights And Diagnostic Lights

| | |
|----------------------|---|
| power button light | blue light — solid blue light indicates power-on state; blinking blue light indicates sleep state of the computer. amber light — solid amber light when the computer does not start indicates a problem with the system board or power supply. Blinking amber light indicates a problem with the system board. |
| drive activity light | blue light — blinking blue light indicates that the computer is reading data from, or writing data to the hard drive. |
| diagnostic lights | four lights located on the front panel of the computer. For more information on the diagnostic lights, see the <i>Service Manual</i> available on the Dell Support website at support.dell.com/manuals . |

Power

| | |
|--------------------------|-------------------------------------|
| Coin-cell battery | 3 V CR2032 lithium coin cell |
| Voltage | 100 VAC–240 VAC, 50 Hz–60 Hz, 5.0 A |
| Wattage | 265 W/320 W |
| Maximum heat dissipation | 1390 BTU/hr |



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

Physical

| | |
|------------------|-------------------------|
| Height | 360 mm (14.17 inches) |
| Width | 175 mm (6.89 inches) |
| Depth | 431.5 mm (16.99 inches) |
| Weight (Minimum) | 8.30 kg (18.30 lb) |

Environmental

Temperature:

| | |
|-----------|------------------------------------|
| Operating | 10 °C to 35 °C (50 °F to 95 °F) |
| Storage | –40 °C to 65 °C (–40 °F to 149 °F) |

Relative humidity 20 % to 80 % (noncondensing)

Altitude:

| | |
|-----------|---|
| Operating | –15.2 m to 3048 m (–50 ft to 10,000 ft) |
| Storage | –15.2 m to 10,668 m (–50 ft to 35,000 ft) |

Airborne contaminant level G2 or lower as defined by ISA-S71.04–1985

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

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