# Space-saving performance and power

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## Dell Tower | **ECT1250**

Boost productivity with a powerful, compact desktop. Featuring up to Intel® Core™ Ultra desktop processors (Series 2) with built-in AI.

**Up to Intel® Core™ Ultra (Series 2)**
With power-efficient Intel® Core Ultra processors, unlock new levels of intelligent performance for demanding daily tasks. Or choose Intel® Core (14th gen) for powerful performance.

**Three powerful AI engines – CPU, GPU, NPU**
Dedicated AI accelerators provide intelligent performance across business, creation and streaming apps where AI capabilities are possible. Available with Intel® Core™ Ultra processors (Series 2).

**Up to NVIDIA® GeForce RTX™ 40 Series**
Improve performance in photo and video editing, streaming, and accelerate AI and machine learning tasks with RTX 3050 or 4060 discrete graphics.

**Up to Wi-Fi 6e**
Delivers seamless connectivity with Wi-Fi 6 or Wi-Fi 6e.

**Hardware TPM**
Protect your data with Trusted Platform Module (TPM), a security technology designed to secure hardware with integrated cryptographic keys.

**Built-in security**
When you need to stop away from your desk, simply secure your desktop using the built-in lock slot or padlock loop.

**Ubuntu® Linux® 24.04**
Developer-backed and free-to-use, Ubuntu offers a customizable, secure and easily integrated operating system for your small business.

**Room to grow**
Tool-less entry and an easily removable panel allow for quick access to upgrade your desktop's internal components.

**Upgradeable storage**
Increase storage up to 2TB SSD + 2TB HDD and provide room for more files as your personal or business needs evolve.

**Expansion slots**
3 PCIe expansion slots allow you to add additional sound cards, video capture cards and graphics card.

**Sustainable materials**
Designed with 50% recycled steel and up to 43% recycled plastic.[1]

**Committed to sustainability**
Dell Tower is certified ENERGY STAR® and registered EPEAT Silver with Climate+.[2]

**Stylish, space-saving design**
This compact, elegant desktop seamlessly fits into any home or office.

**Connect multiple monitors**
Connect up to four FHD monitors using DisplayPort and Daisy Chaining.[3] Or connect two 4K displays using HDMI 2.1 port and DP.

**Integrated media card reader**
Quickly import RAW images or video files from your camera with the optional SD card reader.

**DELL**Technologies

| FEATURE | TECHNICAL SPECIFICATION |
|---|---|
| MODEL NUMBER | ECT1250 |
| PROCESSOR OPTIONS | Intel® Core™ i3 14100 (12 MB cache, 4 cores, 8 threads, 3.50 GHz to 4.70 GHz Turbo, 60W)<br>Intel® Core™ i5 14400 (20 MB cache, 10 cores, 16 threads, 2.50 GHz to 4.70 GHz Turbo, 65W)<br>Intel® Core™ i5 14400F (20 MB cache, 10 cores, 16 threads, 2.50 GHz to 4.70 GHz Turbo, 65W)<br>Intel® Core™ i7 14700 (33 MB cache, 20 cores, 28 threads, 2.10 GHz to 5.40 GHz Turbo, 65W)<br>Intel® Core™ i7 14700F (33 MB cache, 20 cores, 28 threads, 2.10 GHz to 5.40 GHz Turbo, 65W)<br>Intel® Core™ Ultra 5 225 (20 MB cache, 10 cores, 10 threads, 3.30 GHz to 4.90 GHz Turbo, 65W)<br>Intel® Core™ Ultra 5 225F (20 MB cache, 10 cores, 10 threads, 3.30 GHz to 4.90 GHz Turbo, 65W)<br>Intel® Core™ Ultra 7 265 (30 MB cache, 20 cores, 20 threads, 2.40 GHz to 5.30 GHz Turbo, 65W)<br>Intel® Core™ Ultra 7 265F (30 MB cache, 20 cores, 20 threads, 2.40 GHz to 5.30 GHz Turbo, 65W) |
| CHIPSET | Intel Q670 (Intel® Core™)<br>Intel Q870 (Intel® Core™ Ultra) |
| OPERATING SYSTEM | Windows 11 Home<br>Windows 11 Pro<br>Windows 11 Home National Education<br>Windows 11 Pro National Education<br>Ubuntu® Linux® 24.04 (post-RTS) |
| MEMORY OPTIONS | **For computers shipped with an Intel® Core™ i3 or i5 processor:**<br>8 GB: 1 x 8 GB, DDR5, 4800 MT/s, UDIMM, single-channel<br>16 GB: 1 x 16 GB, DDR5, 4800 MT/s, UDIMM, single-channel<br>16 GB: 2 x 8 GB, DDR5, 4800 MT/s, UDIMM, dual-channel<br>32 GB: 1 x 32 GB, DDR5, 4800 MT/s, UDIMM, single-channel<br>32 GB: 2 x 16 GB, DDR5, 4800 MT/s, UDIMM, dual-channel<br>64 GB: 2 x 32 GB, DDR5, 4800 MT/s, UDIMM, dual-channel<br><br>**For computers shipped with an Intel® Core™ i7, Intel® Core™ Ultra 5 or Ultra 7 processor:**<br>8 GB: 1 x 8 GB, DDR5, 5600 MT/s, UDIMM, single-channel<br>16 GB: 1 x 16 GB, DDR5, 5600 MT/s, UDIMM, single-channel<br>16 GB: 2 x 8 GB, DDR5, 5600 MT/s, UDIMM, dual-channel<br>32 GB: 1 x 32 GB, DDR5, 5600 MT/s, UDIMM, single-channel<br>32 GB: 2 x 16 GB, DDR5, 5600 MT/s, UDIMM, dual-channel<br>64 GB: 2 x 32 GB, DDR5, 5600 MT/s, UDIMM, dual-channel |
| STORAGE OPTIONS | **HDD:**<br>1TB, 7200 RPM, 3.5-inch, SATA, HDD<br>2 TB, 7200 RPM, 3.5-inch, SATA, HDD<br><br>**SSD:**<br>256 GB, M.2 2230, TLC PCIe NVMe*, SSD, Class 35<br>512 GB, M.2 2230, QLC PCIe NVMe*, SSD, Class 25<br>1 TB, M.2 2230, QLC PCIe NVMe*, SSD, Class 25<br>2 TB, M.2 2230, QLC PCIe NVMe*, SSD, Class 25<br><br>*For computers shipped with an Intel® Core™ i3, i5 or i7 processor: Gen3.<br>For computers shipped with an Intel® Core™ Ultra 5 or Ultra 7 processor: Gen4.* |
| GRAPHICS OPTIONS | Integrated graphics: Intel® Graphics (with Intel® Core™ Ultra 5/7); Intel® UHD Graphics 770 (with Intel® Core™ i7); Intel® UHD Graphics 730 (with Intel® Core™ i3/i5)<br>NVIDIA® RTX™ 3050, 6 GB, GDDR6<br>NVIDIA® RTX™ 4060, 8 GB, GDDR6 |
| CHASSIS | Desktop (14.6L)<br>Black |
| MULTIMEDIA | Realtek Audio Controller ALC3204<br>SD 3.0 Card Reader (Optional) |
| PORTS & SLOTS | **Front:** (2) USB 2.0 ports; (1) USB 3.2 Gen 1 Type-C® port; (1) USB 3.2 Gen 1 port; (1) Global headset jack<br>**Rear:** (2) USB 2.0 with SmartPower On ports; (2) USB 3.2 Gen 1 ports; (1) RJ45 Ethernet port (1 Gbps); (1) HDMI 2.1 (TMDS) port; (1) DisplayPort™ 1.4 port; (1) Serial port (optional) |
| DIMENSIONS & WEIGHT | Height: 12.76 in (324.3 mm)<br>Width: 6.06 in (154 mm)<br>Depth: 11.53 in (293 mm)<br>Weight (minimum): 12.02 lb. (5.45 kg)<br>Weight (maximum): 15.12 lb. (6.86 kg) |
| EXPANSION SLOTS | 3 FH PCIe expansion slots (x1, x1, x16)<br>1x M.2 SSD, 1x 3.5" HDD bay<br>Two DIMM slots (supports up to 64GB DDR5 memory) |
| GRAPHICS POWER | Max support 165W graphics (requires 360W power supply) |
| POWER SUPPLY OPTIONS | 180W Bronze internal power supply unit<br>360W Platinum internal power supply unit |
| BAYS | (2) Up to 2 bays; (1) HDD + (1) SSD |
| CONNECTIVITY | Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.3<br>MediaTek Wi-Fi 6 MT7920, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.4 |
| KEYBOARD AND MOUSE | Dell Wired Keyboard (KB216)<br>Dell Wired Mouse (MS116) |
| SECURITY | Trusted Platform Module (TPM) Hardware 2.0<br>Kensington Lock Slot<br>Padlock Loop |

**Important details**

**Memory:** Graphics & System Memory: GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support

graphics, depending on system memory size and other factors.

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Wi-Fi 6e:** Wi-Fi 6E requires Windows 11 Operating system and compatible router. Router requires a separate purchase. Wi-Fi 6E connectivity is only available in select locations: https://www.wi-fi.org/countries-enabling-wi-fi-in-6-ghz-wi-fi-6e. Check availability with your service provider.

The **Bluetooth wireless version** may vary depending on the operating system that is installed on your computer.

**Weights** vary depending on configuration and manufacturing variability.

**AI**: AI features may require software purchase, subscription or enablement by a software or platform provider, or may have specific configuration or

compatibility requirements. Details at www.intel.com/aipc