



Space-saving performance

Early spec sheet
RTO 3/25



Dell Slim | **ECS1250**

Boost productivity with a high-performance desktop in a stylish, space-saving design. 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 the most 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 Wi-Fi 6e

Delivers seamless connectivity with Wi-Fi 6 or Wi-Fi 6e.



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 your storage capacity 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 network cards.



Sustainable materials

Designed with 50% recycled steel and up to 43% recycled plastic.¹

Committed to sustainability

Dell Slim is certified ENERGY STAR® and registered EPEAT Silver with Climate+.²



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 (post-RTS)

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



Stylish, space-saving design

Optimize your space with this compact desktop that seamlessly blends into any home or office.

4K monitor support with integrated graphics

The HDMI 2.1 port enables 4K monitor support even with the Intel® Graphics option.

Integrated media card reader

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

¹ Based on internal analysis, January 2025. Up to 5% closed loop plastic and up to 38% post-consumer recycled plastic. 50% recycled steel in select chassis parts. Percentages are of total material weights in product.

² Based on internal analysis, January 2025. EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	ECS1250
PROCESSOR OPTIONS	Intel® Core™ i3 14100 (12 MB cache, 4 cores, 8 threads, 3.50 GHz to 4.70 GHz Turbo, 60 W) Intel® Core™ i5 14400 (20 MB cache, 10 cores, 16 threads, 2.50 GHz to 4.70 GHz Turbo, 65 W) Intel® Core™ i7 14700 (33 MB cache, 20 cores, 28 threads, 2.10 GHz to 5.40 GHz Turbo, 65 W) Intel® Core™ Ultra 5 225 (20 MB cache, 10 cores, 10 threads, 3.30 GHz to 4.90 GHz Turbo, 65 W) Intel® Core™ Ultra 7 265 (30 MB cache, 20 cores, 20 threads, 2.40 GHz to 5.30 GHz Turbo, 65 W)
CHIPSET	
OPERATING SYSTEM	Windows 11 Home Windows 11 Pro Windows 11 Pro National Education Ubuntu® Linux® 22.04 LTS (post-RTS)
MEMORY OPTIONS	For computers shipped with an Intel® Core™ i3 or i5 processor: 8 GB: 1 x 8 GB, DDR5, 4800 MT/s, UDIMM, single-channel 16 GB: 1 x 16 GB, DDR5, 4800 MT/s, UDIMM, single-channel 16 GB: 2 x 8 GB, DDR5, 4800 MT/s, UDIMM, dual-channel 32 GB: 1 x 32 GB, DDR5, 4800 MT/s, UDIMM, single-channel 32 GB: 2 x 16 GB, DDR5, 4800 MT/s, UDIMM, dual-channel 64 GB: 2 x 32 GB, DDR5, 4800 MT/s, UDIMM, dual-channel For computers shipped with an Intel® Core™ i7, Intel® Core™ Ultra 5 or Ultra 7 processor: 8 GB: 1 x 8 GB, DDR5, 5600 MT/s, UDIMM, single-channel 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, UDIMM, single-channel 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, UDIMM, dual-channel 32 GB: 1 x 32 GB, DDR5, 5600 MT/s, UDIMM, single-channel 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, UDIMM, dual-channel 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, UDIMM, dual-channel
STORAGE OPTIONS	HDD: 2 TB, 7200 RPM, 3.5-inch, SATA, HDD SSD: 256 GB, M.2 2230, PCIe Gen4 NVMe, SSD, Class 35 512 GB, M.2 2230, QLC PCIe Gen4 NVMe, SSD, Class 25 1 TB, M.2 2230, QLC PCIe Gen4 NVMe, SSD, Class 25 2 TB, M.2 2230, QLC PCIe Gen4 NVMe, SSD, Class 25
GRAPHICS	For computers shipped with an Intel® Core™ i3 or i5 processor: Intel® UHD Graphics 730 (Integrated) For computers shipped with an Intel® Core™ i7 processor: Intel® UHD Graphics 770 (Integrated) For computers shipped with an Intel® Core™ Ultra 5 or Ultra 7 processor: Intel® Graphics (Integrated)
CHASSIS	Desktop (8.5L)
MULTIMEDIA	Realtek ALC3204 Audio Controller
PORTS & SLOTS	Front: (2) USB 2.0 (480 Mbps) ports; (1) USB 3.2 Gen 1 (5 Gbps) port; (1) USB 3.2 Gen 1 (5 Gbps) Type-C® port; (1) Global headset jack Rear: For computers shipped with an Intel® Core™ Ultra 5 or Ultra 7 processor: (2) USB 2.0 (480 Mbps) ports with Smart Power On; (2) USB 3.2 Gen 1 (5 Gbps) ports; (1) DisplayPort™ 1.4 (HBR3) port; (1) HDMI 2.1 (TDMS) port; (1) RJ45 (1 Gbps) Ethernet port; (1) Serial port (optional) For computers shipped with an Intel® Core™ i3, i5 or i7 processor: (2) USB 2.0 (480 Mbps) ports with Smart Power On; (2) USB 3.2 Gen 1 (5 Gbps) ports; (1) DisplayPort™ 1.4 (HBR2) port; (1) HDMI 2.1 (TDMS) port; (1) RJ45 (1 Gbps) Ethernet port; (1) Serial port (optional)
DIMENSIONS & WEIGHT	Height : 11.95 in. (303.50 mm) Width: 3.74 in. (95 mm) Depth: 11.54 in. (293 mm) Weight (minimum): 7.69 lb. (3.49 kg) Weight (maximum): 10.47 lb. (4.75 kg)
GRAPHICS POWER	
EXPANSION SLOTS	3 HH PCIe expansion slots (x1, x1, x16)
POWER SUPPLY OPTIONS	180W Bronze internal power supply unit
CONNECTIVITY	Intel® Wi-Fi 6E AX211, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.3 wireless card MediaTek Wi-Fi 6 MT7920, 2x2, 802.11ax, MU-MIMO, Bluetooth® 5.4 wireless card
KEYBOARD AND MOUSE	Dell Wired Keyboard (KB216) Dell Wired Mouse (MS116)
SECURITY	Trusted Platform Module (TPM) Hardware 2.0 Kensington Lock Slot 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