

Dell Pro Slim Essential QVS1260 (01CH1)

Dell Pro Slim Essential QVS1260 - AI PC - slim desktop Core i7 i7-14700 / up to 5.4 GHz - RAM 16 GB - SSD 512 GB - NVMe, QLC, Class 25 - UHD Graphics 770 - Gigabit Ethernet, Bluetooth, IEEE 802.11ax (Wi-Fi 6) - Win 11 Pro - monitor: none - black - BTS - with 1 Year Basic Onsite



The Dell Pro Slim Essential QVS1260 is designed as a small form factor desktop that blends performance and efficiency. Powered by a 14th generation Intel Core i7 processor with 20 cores and a maximum turbo speed of 5.4 GHz, this system is equipped to handle complex tasks with ease. The integration of 16 GB DDR5 SDRAM memory offers swift data access, while the 33 MB cache memory enhances overall processing speed. The SSD with a PCI Express 3.0 x4 interface ensures rapid data transfer and responsiveness, optimized for both gaming and productivity applications. Various connectivity options, including USB 3.2 and HDMI ports, make it versatile for personal and professional use.

Key Selling Points

- Small form factor design saves space
- Powerful Intel Core i7 processor handles demanding applications
- Fast 16 GB DDR5 SDRAM and 33 MB cache for speed
- NVMe SSD provides quick data access and storage
- Multiple connectivity options for flexibility

Product Features

- Compact and space-saving design**
The small form factor of the Dell Pro Slim Essential QVS1260 allows for efficient use of space, making it suitable for any desk or workspace. Its slim profile is designed to fit in tight areas without compromising performance.
- High-performance processing capabilities**
Featuring an Intel Core i7 processor with 20 cores and clock speeds reaching up to 5.4 GHz, this desktop ensures that multitasking and resource-intensive applications run smoothly and efficiently.
- Rapid data access with NVMe SSD**
The NVMe SSD installed in this system allows for faster data read and write speeds compared to traditional hard drives, enhancing system responsiveness and overall user experience.
- Robust memory configuration**
Equipped with 16 GB of DDR5 SDRAM, this desktop supports quick data handling and ensures that users can run multiple applications simultaneously without slowdowns.
- Versatile connectivity options**
With multiple ports including USB 3.2, HDMI, and Ethernet, the Dell Pro Slim Essential QVS1260 provides ample connectivity for peripherals, displays, and networking, catering to diverse user needs.

Main specifications

Product Description	Dell Pro Slim Essential QVS1260 - slim desktop - AI PC - Core i7 i7-14700 2.1 GHz - 16 GB - SSD 512 GB
Type	Personal computer - slim desktop - AI PC
Bundled Services	1 Year Basic Onsite
Processor	Intel Core i7 (14th Gen) i7-14700 / 2.1 GHz (up to 5.4 GHz, (20-core)
Processor Main Features	28 Threads
Cache Memory	33 MB
Cache Per Processor	33 MB
RAM	16 GB (installed) / 32 GB (max) - DDR5 SDRAM
Hard Drive	SSD 512 GB - PCI Express 3.0 x4 - M.2 2230 - NVM Express (NVMe), Quad-level Cell (QLC), Class 25
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics 770 Shared Video Memory (UMA)
Networking	1GbE, Bluetooth, 802.11a, 802.11b/g/n, Wi-Fi 5, Wi-Fi 6
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	McAfee Business Protection (1-year), Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial
Colour	Black

Dimensions (WxDxH)	9.5 cm x 29.3 cm x 30.35 cm
Weight	3.49 kg
Pricing Type	Build To Stock (BTS)
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Carbon Footprint	143 kg carbon emissions

Extended specification

Monitor

Monitor Type	None.
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Processor / Chipset

CPU	Intel Core i7 (14th Gen) i7-14700
Clock Speed	2.1 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed	5.4 GHz (P-core) / 4.2 GHz (E-core)
Number of Cores	20-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	28 Threads
Chipset Type	Intel Q670

General

Type	Personal computer
AI Level	AI PC
Bundled Services	1 Year Basic Onsite
Product Form Factor	Slim desktop
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black

Power

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	180 watt
80 PLUS Certification	80 PLUS Bronze
Efficiency	85%

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)

Sustainability Information

EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes
Carbon Footprint	143 kg carbon emissions
Manufacturing (kg CO2e)	68.07
Logistics (kg CO2e)	9.15
Use (kg CO2e)	62.78
EOL (kg CO2e)	3

Total Carbon w/o Use Phase (kg CO2e)	80.223
PAIA Version	GaBi version 1, 2025

Dimensions & Weight

Width	9.5 cm
Depth	29.3 cm
Height	30.35 cm
Weight	3.49 kg

Networking

Interface (Bus) Type	M.2 2230
Ethernet Controller	Realtek RTL8111KD
Wireless LAN Supported	Yes
Wireless NIC	MediaTek MT7920
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, Bluetooth, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6)
Features	MU-MIMO Support, dual stream (2x2)

Cache Memory

Installed Size	33 MB
Cache Per Processor	33 MB

Audio Output

Compliant Standards	High Definition Audio
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RAM

Installed Size	16 GB (installed) / 32 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	5600 MT/s
Rated Memory Speed	5600 MT/s
Form Factor	DIMM 288-pin
Slots	2 (Total) / 1 (empty)
Configuration Features	1 x 16 GB

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop
Security Slot Type	Kensington security slot
Pricing Type	Build To Stock (BTS)

Graphics Controller

Graphics Processor	Intel UHD Graphics 770 Shared Video Memory (UMA)
Video Interfaces	HDMI, DisplayPort

Expansion / Connectivity

Bays	1 (total) / 1 (free) x internal 3.5"
Slots	1 (total) / 0 (free) x M.2 Card - 2230/2280 (for SSD) ¦ 1 (total) / 0 (free) x M.2 Card - 2230 (for wireless module) ¦ 1 PCIe x16 - half-height ¦ 2 PCIe x1 - half-height
Interfaces	1 x LAN (Gigabit Ethernet) ¦ 2 x USB 2.0 (2 front) ¦ 2 x USB 2.0 (2 rear) (supports SmartPower On) ¦ 1 x USB-C 3.2 Gen 1 (1 front) ¦ 3 x USB 3.2 Gen 1 (1 front, 2 rear) ¦ 1 x headphones/microphone ¦ 1 x DisplayPort 1.4a ¦ 1 x HDMI

Hard Drive

Type	SSD - M.2 2230
Capacity	1 x 512 GB
Interface Type	PCI Express 3.0 x4
Features	NVM Express (NVMe), Quad-level Cell (QLC), Class 25

Optical Storage

Type	No optical drive
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Keyboard

Keyboard Name	Dell KB216 Wired Keyboard
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Mouse

Mouse Name	Dell MS116 USB Optical Mouse
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Input Device

Type	Mouse (on selected markets only), keyboard (on selected markets only)
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Operating System / Software

OS Provided	Windows 11 Pro
Software	McAfee Business Protection (1-year), Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial

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