

Precision 3460 Small Form Factor(M1N98)

Dell Precision 3460 Small Form Factor - SFF 1 x Core i7 i7-14700 / up to 5.4 GHz - vPro Enterprise - RAM 16 GB - SSD 512 GB - NVMe, Class 40 - UHD Graphics 770 - Gigabit Ethernet - Win 11 Pro - monitor: none - black - BTS - with 3 Years Basic Onsite Service after Remote Diagnosis with Hardware-Only Support



Key Selling Points

- Fit for every project
- EPEAT registered
- Intelligent audio
- ExpressResponse
- ExpressSign-in
- ExpressConnect

Product Features

- Fit for every project**  
Whether you work in engineering, design, finance, graphic arts, higher education or state and local government, it's ready to deliver.
- EPEAT registered**  
Precision workstations are EPEAT registered across the portfolio. The majority are EPEAT Gold, meaning they meet the highest standards in sustainability criteria.
- Intelligent audio**  
Intelligent audio enhances your audio quality and reduces background noises, so you can hear and be heard, creating a better conference experience for all.
- ExpressResponse**  
With Intel Adaptix technology, prioritize your most important apps, so they open faster and perform better.
- ExpressSign-in**  
The workstation proximity sensor enabled by Intel Context Sensing Technology detects your presence to instantly wake and log you in via the IR camera (with EMZA technology) and Windows Hello. It locks upon walking away, so your work stays safe.
- ExpressConnect**  
ExpressConnect automatically joins the strongest access point in the office and directs bandwidth to critical applications, wherever you work.

Main Specifications

Product Description	Dell Precision 3460 Small Form Factor - SFF Core i7 i7-14700 2.1 GHz - vPro Enterprise - 16 GB - SSD 512 GB
Type	Workstation - SFF
Bundled Services	3 Years Basic Onsite Service after Remote Diagnosis with Hardware-Only Support
Platform Technology	Intel vPro Enterprise
Processor	1 x 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) / 64 GB (max) - DDR5 SDRAM - non-ECC
Storage Controller	SATA (SATA 6Gb/s)
Hard Drive	SSD 512 GB - PCI Express 4.0 - M.2 2280 - NVMe Express (NVMe), Class 40
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics 770 Shared Video Memory (UMA)
Networking	1GbE
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Software Included	Intel Rapid Storage Technology, Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial
Colour	Black
Dimensions (WxDxH)	9.26 cm x 29.28 cm x 29 cm
Weight	3.87 kg
Pricing Type	Build To Stock (BTS)
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Carbon Footprint	439 kg carbon emissions

Extended Specification

General

Platform Technology	Intel vPro Enterprise
Type	Workstation
Bundled Services	3 Years Basic Onsite Service after Remote Diagnosis with Hardware-Only Support
Product Form Factor	SFF
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black

Expansion / Connectivity

Bays	1 (total) / 1 (free) x external 5.25" Slim Line   Internal 2.5"   Internal 3.5"
Slots	1 PCIe 4.0 x16 - half-height   1 PCIe 3.0 x4 - half-height   1 (total) / 1 (free) x M.2 Card - 2230   2 M.2 Card - 2230/2280   1 M.2 Card - 2280
Interfaces	2 x USB 3.2 Gen 2 (1 in front)   2 x USB 2.0 (2 in front) (one of them with PowerShare)   2 x USB 2.0 (supports SmartPower On)   3 x USB 3.2 Gen 1   1 x USB-C 3.2 Gen 2x2 (1 in front)   1 x audio line-out/line-in (retaskable line-in)   3 x DisplayPort 1.4a   1 x headphones/microphone (1 in front)   1 x LAN (Gigabit Ethernet)

RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM - non-ECC
Effective Memory Speed	5600 MHz
Rated Memory Speed	5600 MHz
Form Factor	SO-DIMM 262-pin
Slots	2 (Total) / 1 (empty)
Configuration Features	1 x 16 GB

Networking

Ethernet Controller	Intel I219-LM
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet

**Miscellaneous**

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

**Power**

Device Type	Power supply
Voltage Required	AC 90-264 V (50/60 Hz)
Power Provided	300 Watt
80 PLUS Certification	80 PLUS Platinum
Efficiency	92%

**Environmental Parameters**

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80% (non-condensing)

**Storage Controller**

Type	1 x SATA
Controller Interface Type	SATA 6Gb/s

**Cache Memory**

Installed Size	33 MB
Cache Per Processor	33 MB

**Optical Storage**

Type	No optical drive
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**Operating System / Software**

OS Provided	Windows 11 Pro Dutch / English / French / German / Italian
Software	Intel Rapid Storage Technology, Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial

**Monitor**

Monitor Type	None.
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**Graphics Controller**

Graphics Processor	Intel UHD Graphics 770 Shared Video Memory (UMA)
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**Audio Output**

Compliant Standards	High Definition Audio, Waves MaxxAudio
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**Hard Drive**

Type	SSD - M.2 2280
Capacity	1 x 512 GB
Interface Type	PCI Express 4.0
Features	NVM Express (NVMe), Class 40

**Input Device**

Type	Mouse (on selected markets only), keyboard (on selected markets only)
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**Dimensions & Weight**

Width	9.26 cm
Depth	29.28 cm
Height	29 cm
Weight	3.87 kg

**Keyboard**

Keyboard Name	Dell KB216 Multimedia Keyboard
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**Mouse**

Mouse Name	Dell MS116 USB Optical Mouse
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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 W680

**Sustainability Information**

EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes
Carbon Footprint	439 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	132
Manufacturing (kg CO2e)	232.76
Logistics (kg CO2e)	15.4
Use (kg CO2e)	188
EOL (kg CO2e)	3.58
Total Carbon w/o Use Phase (kg CO2e)	251
PAIA Version	1.3.1, 2022

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