Dell Precision 3450 Small Form Factor(8R5NY)
Preci 3450 i7-10 16GB 512GB W10P 3YNBD

Key Selling Points

Powerful processor
Advanced graphics
Huge memory
Ultra-fast PCIe NVMe SSD

Product Features

Unmatched performance and affordability

Get ultimate power without sacrificing your budget on the affordable Dell Precision 3000 Series workstations. Elevate your ideas with professional performance,industrial small form factor designs and Dell's Reliable Memory Technology Pro.

Professional performance

Powerful processors offer businesses the performance,manageability,built-in security features,and stability of a powerful architecture.

Stunning speeds

Power through intensive tasks with stunning memory speeds. The motherboard features increased memory trace lengths.

Advanced graphics

Run professional applications fast speeds with a powerful processor and professional graphics.

Expandable and flexible

Scalable storage featuring SATA,SAS and PCIe NVMe SSD to deliver great performance for complex projects.

ExpressConnect

ExpressConnect automatically joins a strong access point in the office and directs bandwidth to critical applications,wherever you work.

Intelligent audio

Collaborate like you're in the same room. Intelligent audio enhances your audio quality and reduces background noises,so you can hear and be heard,creating a better conference experience for all.

Analytics

Analyze your system and generate reports on workload,system performance and system diagnostics for insights that help you create a personalized performance for the way you work.

Work without fail

Dell Reliable Memory Technology Pro (RMT Pro) protects your work from potential crashes related to memory errors. Working in conjunction with ECC memory it detects and corrects or maps out memory errors. RMT Pro also monitors the health of the memory and alerts the user when the memory is at a critical level and needs to be replaced.

Make room for your ideas

Small space? No problem: your Precision 3450 Small Form Factor (SFF) features an industrial small form factor design that is ideal for space-constrained workspaces that need workstation-class performance and reliability.

Premium and accessible design

Handle demanding tasks with ease thanks to a range of features designed for an efficient workflow.

Main Specifications

Product Description	Dell Precision 3450 Small Form Factor - SFF - Core i7 10700 2.9 GHz - vPro - 16 GB - SSD 512 GB - with 1-year Basic Onsite (CH,IE,UK - 3-year)
Type	Workstation - small form factor
Bundled Services	1 Year Basic Onsite (CH,IE,UK - 3 Years)
Platform Technology	Intel vPro Platform

Processor	1 x Intel Core i7 (10th Gen) 10700 / 2.9 GHz (4.8 GHz) (8-core)
Processor Main Features	Intel Turbo Boost Technology 2
Cache Memory	16 MB
Cache Per Processor	16 MB
RAM	16 GB (installed) / 128 GB (max) - DDR4 SDRAM
Storage Controller	SATA (SATA 6Gb/s)
Hard Drive	SSD 512 GB - PCI Express - M.2 - NVM Express (NVMe),Class 40
Optical Storage	DVD-Writer
Graphics Controller	Intel UHD Graphics 630
Audio Output	4 channel surround
Networking	GigE
Power	(50/60 Hz)
OS Provided	Windows 10 Pro 64-bit Edition
Colour	Black
Dimensions (WxDxH)	9.26 cm x 29.28 cm x 29 cm
Weight	5.956 kg
Pricing Type	Build To Spec (BTS)

Extended Specification

General

Platform Technology	Intel vPro Platform
Type	Workstation
Bundled Services	1 Year Basic Onsite (CH,IE,UK - 3 Years)
Product Form Factor	Small form factor
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black

Processor / Chipset

CPU	Intel Core i7 (10th Gen) 10700 / 2.9 GHz
Max Turbo Speed	4.8 GHz
Number of Cores	8-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	Intel Turbo Boost Technology 2
Chipset Type	Intel W580

Cache Memory

Installed Size	16 MB
Cache Per Processor	16 MB

RAM

Installed Size	16 GB / 128 GB (max)
Technology	DDR4 SDRAM
Form Factor	DIMM 288-pin
Slots	4 (Total) / 2 (empty)

Configuration Features	2 x 8 GB

Hard Drive

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

Storage Controller

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

Optical Storage

Type	DVD-Writer

Monitor

Monitor Type	None.

Graphics Controller

Graphics Processor	Intel UHD Graphics 630

Audio Output

Sound Output Mode	4 channel surround
Compliant Standards	High Definition Audio
Speakers Included	2 x right / left channel

Input Device

Type	Mouse (on selected markets only),keyboard (on selected markets only)

Keyboard

Keyboard Name	Dell KB216 Multimedia Keyboard
Interface	USB

Mouse

Mouse Name	Dell MS116 USB Optical Mouse
Technology	Optical
Interface	USB

Networking

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

Expansion / Connectivity

Bays	1 (total) / 0 (free) x external 5.25" Slim Line Internal 2.5"

Slots	1 (total) / 0 (free) x PCIe 3.0 x16 - half-height 1 (total) / 1 (free) x PCIe 3.0 x4 - half-height 1 M.2 Card - 2230 1 M.2 Card - 2230/2280 2 M.2 Card - 2280
Interfaces	2 x USB 3.2 Gen 2 (1 front,1 rear) 1 x USB 2.0 (1 in front) (PowerShare) 1 x USB 2.0 (1 in front) 3 x USB 3.2 Gen 1 1 x USB-C 3.2 Gen 2 (1 in front) 2 x USB 2.0 (supports SmartPower On) 1 x audio line-out/line-in 2 x DisplayPort (2 rear) 1 x serial 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LAN (Gigabit Ethernet) 1 x headphones (1 in front)

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 Spec (BTS)

Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	260 Watt

Operating System / Software

OS Provided	Windows 10 Pro 64-bit Edition Multilingual User Interface (MUI)
Software	Microsoft Office (Trial)

Dimensions &Weight

Width	9.26 cm
Depth	29.28 cm
Height	29 cm
Weight	5.956 kg

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 85% (non-condensing)

*Tech Data is not responsible for errors in the documentation of products.