

Enterprise Workstation Performance for Space-Limited Deployments



Dell Pro Precision 7 R1 Rack

Intel® Core™ Ultra Desktop Processors (Series 2) in a Slim 1U Rack



The Dell Pro Precision 7 R1 delivers workstation-class performance in a slim, mountable 1U rack form factor. Supporting Intel® Core™ Ultra desktop processors (Series 2), professional GPUs, and expansive storage options, it is ideal for centralized deployments where space is limited but performance cannot be compromised—whether powering engineering, media, AI, or edge workloads.

Its compact rack design is optimized for space-constrained environments without sacrificing performance or scalability. Built for 1:1 remote workflows and industrial use cases, it provides centralized computing, controlled access, and edge-ready deployment capabilities.

Powered by Intel® Core™ Ultra desktop processors (Series 2) and discrete graphics options, the Dell Pro Precision 7 R1 enables high-density 1U deployments. Tackle large datasets, complex analytics, and AI workloads efficiently while enabling seamless productivity, energy-efficient operation, and advanced on-device security.

**Workstation-class
performance
in a slim,
mountable 1U rack**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™ Ultra
Desktop Processors
(Series 2)

Key Features

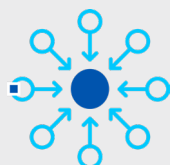
Empowered by Intel.



Workstation
Power in 1U Rack



Scalability with
Controlled
Access



Centralized
Compute
Deployments



Edge-Ready
Deployment

Dell Pro Precision 7 R1 Rack



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Core™ Ultra 5 Processor 245K (24 MB cache, 14 cores, 14 threads, 3.6 GHz to 5.2 GHz, 125W)
Graphics	Intel® Integrated Graphics
Memory	32 GB: 2 x 16 GB, DDR5, 5600 MT/s, UDIMM, Non-ECC
Storage	512 GB Performance SSD, Gen 5, SED Ready
LAN	Intel® Integrated NIC
Dimension (W x D x H)	434.00mm x 606.44mm x 42.80mm
Weight	9.94kg
OS	Ubuntu® Linux® 24.04 LTS and Windows 11 Pro
I/O Options (Input/Output)	Dell Flex I/O

Learn More

[Dell Pro Precision 7 R1 Rack](#)

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