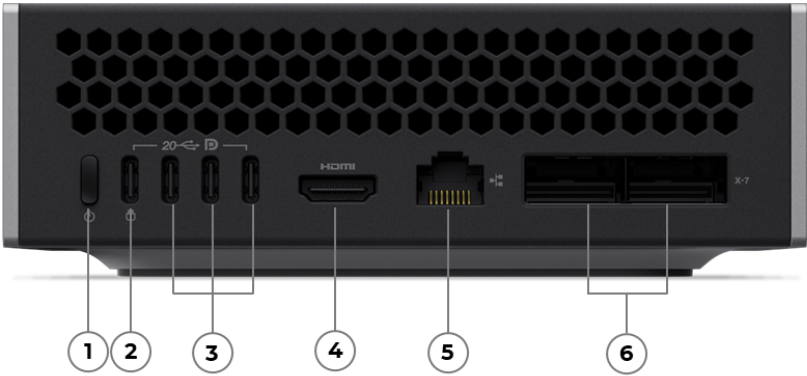


OVERVIEW



1. Power button	4. HDMI 2.1b FRL
2. USB-C (USB4 20Gbps), PD 3.1 in, DP 2.1	5. Ethernet (10GbE RJ-45)
3. 3x USB-C (USB4 20Gbps), DP 2.1	6. 2x QSFP

PERFORMANCE

Processor

Processor^[1]

Built into NVIDIA® GB10 Grace Blackwell Superchip, 20-core Arm, 10x Cortex-X925 + 10x Cortex-A725

Notes:

[1] Intel® Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see

<http://www.intel.com/technology/turboboost/> for more information.

AI (Artificial Intelligence)

AI Performance

Up to 1 petaFLOP of AI performance using FP4

Up to 200 billion parameters models

up to 405 billion parameters models with two ThinkStation® PGX systems

Operating System

Operating System

NVIDIA® DGX OS

Graphics

Integrated Graphics

NVIDIA® Blackwell Architecture, Built into NVIDIA® GB10 Grace Blackwell Superchip

- NVIDIA® Blackwell Generation CUDA Cores
- 5th Generation Tensor Cores
- 4th Generation RT Cores
- 1x NVENC video encoder
- 1x NVDEC video decoder

Chipset

Chipset

NVIDIA® GB10 Grace Blackwell Superchip

Memory

Memory Type

128 GB LPDDR5x unified system memory, 256-bit, 273 GB/s memory bandwidth

Storage

Max Storage Support^{[1][2]}

1 or 4 TB M.2 NVMe® SSD with self-encryption

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

[2] For detailed storage bays information and how to upgrade optional drives for ThinkStation® products, please visit

[ThinkStation® Storage Upgrade Guide](#)

Multi-Media

Audio Chip

HDMI® multichannel audio output

Power Supply

Power Supply

240W Adapter

DESIGN

Mechanical

Form Factor

Mini-tower

Dimensions (WxDxH)^[1]

150 x 150 x 50.5 mm (5.91 × 5.91 × 1.99 inches)

Weight^[2]

1.2 kg (2.65 lbs)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

WLAN + Bluetooth^[1]

Wi-Fi® 7, 802.11be Wi-Fi® + Bluetooth® 5.3

Onboard Ethernet

10 GbE Ethernet, ConnectX-7 Smart NIC, 1x 10GbE RJ-45

Notes:

[1] Wi-Fi® operation (including Wi-Fi® 6, Wi-Fi® 6E, Wi-Fi® 7, etc.) is subject to the regulatory requirements of each country. Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

Ports^[1]

Rear Ports

- 1x USB-C® (USB 20Gbps / USB4®), with USB PD 3.1 in and DisplayPort™ 2.1
- 3x USB-C® (USB4® 20Gbps), with DisplayPort™ 2.1
- 1x HDMI®
- 1x Ethernet (10GbE RJ-45)
- 2x QSFP (200Gbps each, for connecting two ThinkStation® PGX units)

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

USB 2.0: 480 Mbit/s;

USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;

USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s.

Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

SERVICE

Warranty^[1]

Base Warranty

1-year limited onsite service

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific

model's configurations. For more service extensions, please go to <https://smartfind.lenovo.com/>. To learn more details of warranty policy, please access <https://support.lenovo.com/warrantylookup/warrantypolicy>.

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