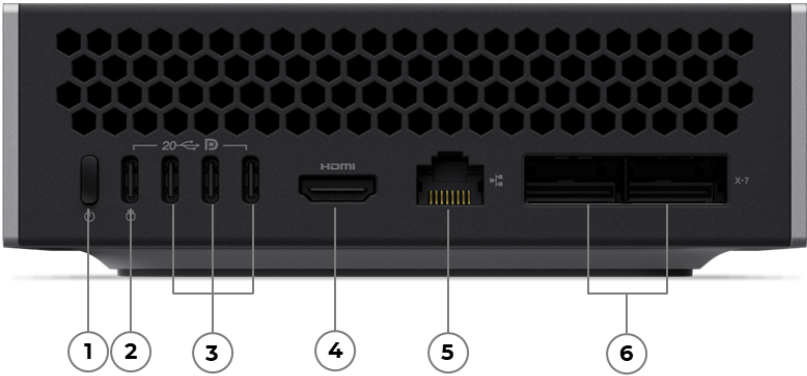


OVERVIEW



1. Power button	4. HDMI 2.1a
2. USB-C (USB 20Gbps) / Power-in with DP 1.4a alt-mode	5. Ethernet (10GbE RJ-45)
3. 3x USB-C (USB 20Gbps / USB 3.2 Gen 2x2)	6. 2x QSFP (200Gbps)

PERFORMANCE

Processor

Processor

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

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

128GB LPDDR5X unified system memory, 256-bit, 273 GB/s memory bandwidth

Storage

Max Storage Support

Up to 4TB M.2 NVMe® SSD with self-encryption

Multi-Media

Audio Chip

HDMI® multichannel audio output

Power Supply

Power Supply

240W Adapter

DESIGN

Mechanical

Form Factor

Mini-tower

Dimensions (WxDxH)

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

Weight

1.2 kg (2.65 lbs)

CONNECTIVITY

Network

WLAN + Bluetooth^[1]

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

Onboard Ethernet

- 1x 10GbE RJ-45
- 200Gbps ConnectX-7 NIC for direct connection between two or three ThinkStation® PGX systems; connecting more than three ThinkStation® PGX systems requires a compatible QSFP switch. Appropriate ConnectX-7 cable options are required for all connection configurations.^[2]

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.

[2] For detailed information on the optional ConnectX-7 cable (PN: 4X91U42988), please visit <https://www.lenovo.com/us/en/p/accessories-and-software/cables-and-adapters/cables/4x91u42988>.

Ports^[1]

Rear Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.1 in and DisplayPort™ 2.1
- 3x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), 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.

SECURITY & PRIVACY

Security

BIOS Security

- Administrator password
- Boot sequence control
- UEFI Secure Boot
- More BIOS security features, please visit [BIOS Simulator](#)

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>.

- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS",

WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.

- The specifications on this page may not be available in all regions, and may be changed or updated without notice.

