ThinkStation P520c 30BX00GPFR

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor
Intel® Xeon® W-2245 (8C / 16T, 3.9 / 4.5GHz, 16.5MB)

Processor Sockets
1x FCLGA2066

Discrete Graphics
1x NVIDIA® RTX A4500 20GB

Chipset
Intel® C422 Chipset

Memory
2x 16GB RDIMM DDR4-2933 ECC

Memory Slots
4 DDR4 DIMM slots, 4 channels capable

Max Memory[1]
Up to 256GB (4x 64GB RDIMM)

PCIe® NVMe® Controller
Integrated NVMe® Controller, non-RAID

PCIe® NVMe® Drive
1x 512GB SSD M.2 PCIe® 3.0x4 NVMe® Opal

SATA Controller
Onboard Intel® RSTe SATA

Storage Support[2]
Up to 4x 3.5" SATA HDD / 2.5" SATA HDD / 2.5" SATA SSD + 5x M.2 PCIe® SSD
- 3.5" HDD up to 6TB each
- 2.5" SATA HDD up to 500GB each
- 2.5" SATA SSD up to 2TB each
- 2.5" SAS HDD up to 600GB each
- M.2 SSD up to 2TB each

Audio Chip
High Definition (HD) Audio, Realtek® ALC662 codec

Power Supply
625W Platinum Fixed

DESIGN

Keyboard
USB Traditional Keyboard, Black, French

Mouse
USB Calliope Mouse, Black

Expansion Slots
Supports 4 PCIe® slots.
- Slot 1: PCIe® 3.0 x16, full height, full length, 75W, double-width, by CPU
- Slot 2: PCIe® 3.0 x8, full height, full length, 25W, by CPU
- Slot 3: PCIe® 3.0 x16, full height, full length, 75W, by CPU
- Slot 4: PCIe® 3.0 x4, full height, half length, 25W, by PCH

M.2 Slots
Up to 5x M.2 SSD:
- 2 via onboard slots
- 3 via Single M.2 to PCIe® adapter

Bays
- 2x 3.5" disk bay (standard)
- 2x 3.5" disk bay (optional, via flex bay)

Flex Bays
2x flex bays, supports the following:
- 2x half-height optical drives
- 2x 5.25" 9.0mm optical drives
- 1x 5.25" 9.0mm optical drive + 2x 3.5"/2.5" SATA SSD/HDD
- 1x 3.5"/2.5" SATA SSD/HDD with Front Access Storage Enclosure
- 1x flex module for the following options:

Tray 1: 9.0mm optical
Tray 2: 15-in-1 USB 3.1 Gen 1 reader, 2x Thunderbolt™, or 4-digit diagnostic display
Port 1 and 2: Front USB 3.1 Gen 1 Type-C or eSATA

Dimensions (WxDxH)[3]
175 x 426 x 376 mm (6.89 x 16.77 x 14.8 inches, with feet)

Weight[4]
14.5 kg (31.96 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet
Intel® I219-LM, 1x GbE RJ-45

Card Reader
SD Card Reader

Front Ports
- 2x USB 3.2 Gen 1
- 1x headphone (3.5mm)
- 1x microphone (3.5mm)

Rear Ports
- 2x USB 2.0
- 4x USB 3.2 Gen 1
- 1x Ethernet (RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 1x microphone (3.5mm)
- 2x PS/2 ports (keyboard / mouse)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks
Kensington® Security Slot™, 3 x 7 mm

MANAGEABILITY

System Management[5]
Intel® vPro® with AMT 11

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
3Y Premier TS WHB (CPN)

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ENERGY STAR® 8.0 (on model 30BX0095US)
- EPEAT™ Silver Registered
- GREENGUARD®
- RoHS compliant

ISV Certifications
Please visit www.thinkworkstations.com/isv-certifications/

SOFTWARE

Operating System
Windows® 11 Pro for Workstations, French

MODEL

TopSeller	: Yes	**Announce Date**	: 2022-04-21
EAN / UPC / JAN	: 0196379911624	**End of Support**	: 2025-12-21



Product image is a sample, it may not match the real color of this model

Note:
[1] The max memory is based on the test results with current Lenovo memory offerings.
[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.
[3] The system dimensions may vary depending on configurations.
[4] 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.
[5] Intel vPro offers a superset of DASH's defined.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

https://psref.lenovo.com/Detail/585?M=30BX00GPFR

Premier Support - **A direct 24x7x365 line to our most elite technicians.**

- Advanced technical support, 24x7x365, in more than 100 markets
- Technical Account Managers for proactive relationship and escalation management
- Comprehensive hardware & OEM software support
- Priority on service delivery and repair parts
- Single point of contact for simplified end-to-end case management
- Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - **Protection of your PC from the unexpected.**

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - **Included with the systems you purchase, default 1- or 3-year coverage window.**

Warranty Extensions & Upgrades - **Service and protection that's right for your circumstances.**

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XE0N80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

Recommended Services

BEST	4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86673)

For a full list of accessories and services, please visit:
https://smartfind.Lenovo.com

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Product Specifications Reference