ThinkStation P520 30BF00JQUS

PERFORMANCE

Processor

Intel® Xeon® W-2135 (6C / 12T, 3.7 / 4.5GHz, 8.25MB)

Processor Sockets 1x FCLGA2066

Chipset Intel C422

Memory 4x 16GB RDIMM DDR4-2666 ECC

Memory Slots 8 DIMM sockets with 4 channels

Max Memory Up to 256GB (8x 32GB RDIMMs) DDR4-2666

M.2 SSD RAID Controller

RAID 0/1

M.2 SSD Drive 1x 1TB SSD M.2 PCIe NVMe Opal

HDD Controller

Onboard Intel RSTe SATA

Storage Support

Up to 6x 3.5" SATA HDD / 2.5" SATA HDD / 2.5" SATA SSD + 9x M.2 PCIe SSD + 1x PCIe AIC SSD

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

- 3.5" HDD up to 6TB each
- 2.5" SATA HDD up to 500GB each
- 2.5" SATA SSD up to 2TB each
- M.2 PCIe SSD up to 2TB each
- PCIe AIC SSD up to 480GB each

Audio Chip

High Definition (HD) Audio, Realtek® ALC662 codec

Power Supply 900W Platinum Fixed

DESIGN

Kevboard

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse

Expansion Slots

- Two PCle 3.0 x16
- Two PCle 3.0 x4
- One PCIe 3.0 x8
- One PCI

M.2 Slots

- Up to 9x M.2 SSD:
- 2 via onboard slots
- 4 via Quad M.2 to PCIe adapter
- 3 via Single M.2 to PCIe adapter

Bays

- 2x 3.5" disk bav (standard)
- 4x 3.5" disk bay (optional): 2 bays come with 3rd disk or Storage Bay Upgrade Kit 2 bays 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 4digit diagnostic display

Port 1 and 2: Front USB 3.1 Gen 1 Type-C or eSATA 2x M.2 SSD with 2x Front Removable Drive Enclosures

Dimensions (WxDxH)

165 x 460 x 440 mm (6.5 x 18.1 x 17.3 inches, with feet)

Weight 24 kg (52.91 lbs. maximum configuration)

CONNECTIVITY

Onboard Ethernet

1x GbF RJ-45

Card Reader

SD Card Reader

Front Ports

- 3x USB 3.1 Gen 1
- 1x USB 3.1 Gen 1 (Always On and fast charge)
- 1x headphone / microphone combo jack (3.5mm)

Rear Ports

- 4x USB 3.1 Gen 1
- 1x line-in (3.5mm)
- 1x microphone (3.5mm)
- 1x Ethernet (RJ-45)
- 2x USB 2.0
- 2x PS/2 ports (keyboard / mouse)
- 1x line-out (3.5mm)



PSREF Product Specifications Reference

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0. TCG certified

Physical Locks

- Access Panel Lock Kit with Common Key
- Kensington[®] Security Slot

Cover Lock

Lock Kit with Common Key

MANAGEABILITY

System Management Intel® vPro with AMT 11. DASH

SERVICE

Base Warranty 3-vear. Onsite

Included Upgrade

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26649)

CERTIFICATIONS

Green Certifications

- EPEAT[™] Silver
- RoHS compliant
- ENERGY STAR® 8.0 (on model 30BE00B7US)

: Yes

EAN / UPC / JAN : 195713742825

GREENGUARD[®]

ISV Certifications

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

Announce Date

End of Support

: 2021-02-16

: 2028-01-07

SOFTWARE

Operating System Ubuntu Linux

MODEL

TopSeller

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



Advanced technical support, 24x7x365, in more than 100 markets



Comprehensive hardware & OEM software support



Single point of contact for simplified end-to-end case management



Technical Account Managers for proactive relationship and escalation management

Priority on service delivery and repair parts



Lenovo Service Connect Portal for customized reporting and product support

Recommended Accessories



Kensington MicroSaver 2.0 Cable Lock from Lenovo

4X60N8666

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...

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. 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.

Recommended Services

BEST	5Y Lenovo Protect (Premier Support + ADP + KYD + International Upg) (5PS1D67032)
BETTER	5Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67028)
GOOD	4Y Lenovo Support (Premier Support + KYD + International Upg) (5PS1D67027)

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

