ThinkStation P920 30BC006DUS

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor[1]
2x Intel® Xeon® Gold 6258R (28C / 56T, 2.7 / 4.0GHz, 38.5MB)

Processor Sockets
2x FCLGA3647

Discrete Graphics
2x NVIDIA® RTX A6000 48GB with NVLink

Chipset
Intel C621 Chipset

Memory
12x 32GB RDIMM DDR4-2933 ECC

Memory Slots
16 DDR4 DIMM slots, 12 channels capable (8 DIMM slots with 6 channels per processor)

Max Memory[2]
Up to 1TB (16x 64GB RDIMM / 16x 64GB LRDIMM and dual processor)

M.2 SSD RAID Controller
Integrated NVMe® Controller, non-RAID

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

HDD Controller
Onboard Intel RSTe SATA

SATA/SAS Drive
1x 2TB HDD 7200rpm 3.5" SATA6Gb/s

Storage Support[3]
Up to 6x 3.5" SATA HDD / 10x 2.5" SATA HDD / 8x 2.5" SAS HDD / 10x 2.5" SATA SSD / 4x 2.5" PCIe SSD + 9x M.2 PCIe SSD + 2x PCIe AIC SSD
- 3.5" HDD up to 6TB each
- 2.5" SATA HDD up to 500GB each
- 2.5" SAS HDD up to 600GB each
- 2.5" SATA SSD up to 2TB each
- M.2 SSD up to 2TB each
- 2.5" PCIe SSD up to 1.5TB each
- PCIe AIC SSD up to 480GB each

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

Power Supply[4]
1400W Platinum Fixed

DESIGN

Keyboard
USB Traditional Keyboard, Black, English

Mouse
USB Calliope Mouse

Expansion Slots
- Five PCIe 3.0 x16 (2nd CPU needed)
- Three PCIe 3.0 x4

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 bay (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
3x flex bay, supports the following:
- 3x half-height optical drives
- 2x 5.25" 9.0mm optical drives
- 1x 5.25" 9.0mm optical drive + 1x 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 3.2 Gen 1 reader or 2x Thunderbolt™
Port 1 and 2: Front USB 3.2 Gen 1 Type-C or eSATA

Dimensions (WxDxH)[5]
200 x 620 x 446 mm (7.87 x 24.4 x 17.56 inches, with feet)

Weight[6]
37 kg (81.6 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet
Intel I219-LM + I210-AT, 2x GbE RJ45

Card Reader
SD Card Reader

Front Ports
- 1x USB 3.2 Gen 1 (Always On and fast charge)
- 3x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)

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

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management[7]
Intel® vPro® with AMT 11

Diagnostic
Front 4-Digit Diagnostic LED

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
3Y Premier Support Upgrade from 3Y Onsite

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ENERGY STAR 8.0 (on model 30BC003WUS)
- EPEAT™ Silver Registered
- GREENGUARD®
- RoHS compliant

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

SOFTWARE

Operating System
Ubuntu Linux LTS

MODEL

TopSeller	: Yes	**Announce Date**	: 2021-09-21
EAN / UPC / JAN	: 196119457108	**End of Support**	: 2025-09-11

· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to
https://psref.lenovo.com/Detail/538?M=30BC006DUS

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 Premier Support Plus upgrade from 3Y Premier Support (5WS1L39113)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39110)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86766)

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

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Product Specifications Reference