# ThinkStation P5 30GA004LUS

# PERFORMANCE

#### Processor

Intel® Xeon® w5-2445, 10C (10P + 0E) / 20T, 3.1 / 4.6GHz, 26.25MB

## **Processor Sockets**

1x FCLGA4677

**Discrete Graphics** 1x NVIDIA® RTX A5500 24GB

Chipset Intel W790 Chipset

Memory 4x 16GB RDIMM DDR5-4800 ECC

Memory Slots 8 DDR5 DIMM slots. 4 channels capable

Max Memory<sup>[1]</sup> Up to 512GB (8x 64GB RDIMM)

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

PCIe NVMe Drive 1x 2TB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal

SATA Controller Onboard Intel RSTe SATA

#### Storage Support<sup>[2]</sup>

Up to ten drives (3x 3.5" SATA HDD + 7x M.2 SSD)• 3.5" HDD up to 12TB each

• M.2 SSD up to 4TB or 2TB each (see Storage Type)

Audio Chip High Definition (HD) Audio, Realtek® ALC897-Q codec

**Power Supply** 1000W Platinum Fixed

## DESIGN

Keyboard

USB Traditional Keyboard, Black, English

Mouse USB Calliope Mouse, Black

#### **Expansion Slots**

Supports 6 PCIe slots with 2x PCIe 5.0 slots and 4x PCIe 4.0 slots.

• Slot 1: PCIe 5.0 x16, full height, full length, 75W, doublewidth. by CPU

• Slot 2: PCIe 4.0 x4, full height, full length, 25W, by PCH • Slot 3: PCIe 5.0 x16. full height, full length, 75W, double-

width. by CPU

• Slot 4: PCIe 4.0 x4, full height, full length, 25W, by PCH

• Slot 5: PCIe 4.0 x8, full height, full length, 25W, by CPU

• Slot 6: PCIe 4.0 x4, full height, full length, 25W, by PCH

### M.2 Slots

Up to 7x M.2 SSD: • 2 via onboard slots. PCIe 4.0 x4

• • 4 via Quad M.2 to PCIe Gen 5 adapter (PCIe 5.0 x4) or

Quad M.2 to PCIe Gen 3 (PCIe 3.0 x4) adapter • 1 via front access M.2 bay. PCIe 4.0 x4

#### Bavs

Three internal disk bays plus one front access M.2 bay: • Bay 1 supports one 3.5" HDD, standard

Bay 2 supports one 3.5" HDD, standard

• Bay 3 supports one 3.5" HDD, optional

Front access M.2 bay supports one M.2 SSD, optional

#### Dimensions (WxDxH)<sup>[3]</sup>

165 x 453.9 x 446 mm (6.5 x 17.9 x 17.6 inches, with feet)

Weight<sup>[4]</sup> 19 kg (41.9 lbs. maximum configuration)

# CONNECTIVITY

**Onboard Ethernet** Intel I219-LM. 1x GbE RJ-45

WLAN + Bluetooth®<sup>[5]</sup> Intel Wi-Fi<sup>®</sup> 6E AX211. 11ax 2x2 + BT5.1. vPro<sup>®</sup>

Card Reader 15-in-1 Card Reader

Front Ports

1x headphone / microphone combo jack (3.5mm)

- **Optional Front Ports (configured)**
- 2x USB-C<sup>®</sup> 3.2 Gen 2
- 2x USB 3.2 Gen 2

#### Rear Ports

- 2x USB-A (Hi-Speed USB / USB 2.0)
- 1x USB-C<sup>®</sup> (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only

Lenovo

- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x Ethernet (GbE RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)

# **SECURITY & PRIVACY**

#### Security Chip

Discrete TPM 2.0. TCG certified. FIPS 140-2 certified

#### Physical Locks

- Access panel lock kit with common key
- Kensington<sup>®</sup> Security Slot<sup>™</sup>. 3 x 7 mm

#### **Cover Lock**

Lock Kit with Common Key

#### **Chassis Intrusion Switch**

Chassis Intrusion Switch

## MANAGEABILITY

System Management<sup>[6]</sup> Intel<sup>®</sup> vPro<sup>®</sup> Enterprise with Intel AMT 16

Diagnostic Front Diagnostic Panel with QR code

## SERVICE

**Base Warrantv** 3-vear. Onsite

Included Upgrade 3Y Premier Support Upgrade from 3Y Onsite

# CERTIFICATIONS

### **Green Certifications**

- ENERGY STAR® 8.0
- EPEAT<sup>™</sup> Gold Registered
- RoHS compliant
- TCO Certified 9.0

#### **ISV** Certifications

Please visit ISV certifications for Lenovo® Workstations

## SOFTWARE

**Operating System** Windows® 11 Pro for Workstations, English

## MODEL

TopSeller	: Yes	Announce Date	: 2023-12-14
EAN / UPC / JAN	: 197531636652	End of Support	: 2031-05-03

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to https://psref.lenovo.com/Detail/2159?M=30GA004LUS

PSRFF Product Specifications Reference

# 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

4XE0N809

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.

# $Warranty \ Extensions \ \& \ Upgrades \ \textbf{-} \ \textbf{Service and protection that's right for your circumstances.}$

- 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	4Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39074)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WSOW86673)

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

