

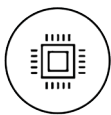
Power of a workstation

Price of a desktop

Mission-critical tasks require superior reliability and powerful performance. ThinkStation® P320 leads on both counts and does it with exceptional all-around value. Consider the latest high-performance Intel® Core® i and Xeon® processors, NVIDIA® Quadro® professional graphics, with VR Ready capability, cutting-edge storage technologies, including M.2, and innovative Flex module support for easy customization.



WHY YOU SHOULD BUY THE Lenovo™ THINKSTATION® P320 WORKSTATION



Fast and Reliable
The fastest Intel® processors offer blazing speeds of up to 4.2GHz and Turbo Boost up to 4.5GHz, for unparalleled performance.



Exceptional value
Truly affordable for any organization requiring a comfortable combination of performance and value.



Make virtual a reality
The latest NVIDIA® Quadro® professional graphics helps bring virtual reality to entry-level workstation.



Environment friendly
Lenovo™ is the only workstation vendor that has been certified with GreenGuard® certification.

THE Lenovo™ THINKSTATION® P320 WORKSTATION IS BEST SUITED FOR

- 1** Companies ready to upgrade from PCs to more powerful workstations without breaking the budget.
- 2** Any organization requiring reliable performance – manufacturing, design, architecture, finance, medical imaging, software development etc.
- 3** Users in mission-critical environments, working on 2D and entry level 3D workflows as well as VR content

WHAT'S IN A THINKSTATION®

- ① Superior thermal design
- ② Diagnostics and self-monitoring
- ③ Flex configuration for ultimate customization
- ④ Modular design for easy upgradability
- ⑤ Wide range of ISV certifications



SPECIFICATIONS

PERFORMANCE

Processor¹

Tower / SFF

Intel® Xeon® E3-1200 v6 Processor
7th Gen Intel® Core™ i7 Processor
7th Gen Intel® Core™ i5 Processor
7th Gen Intel® Core™ i3 Processor

Operating System

Windows 10 Pro 64-bit²
Windows 7 Professional 64-bit³
Ubuntu and RHEL Linux support

Graphics

SFF : NVIDIA® NVS™ / Quadro® Up to 2 x P1000
Tower : NVIDIA® NVS™ / Quadro® Up to P4000⁴

Memory

Up to 64GB 2400MHz ECC UDIMM DDR4,
4 slots

Storage

3.5" SATA 7200 rpm up to 4TB
3.5" SATA 7200 rpm Hybrid up to 2TB
2.5" SATA SSD up to 2TB
M.2 PCIe SSD up to 1TB

Tower :

Max M.2 = 2 (2TB)⁵
Max 3.5" = 4 (16TB)⁵
Max 2.5" = 4 (8TB)⁵

SFF :

Max M.2 = 2 (2TB)⁵
Max 3.5" = 2 (8TB)⁵
Max 2.5" = 3 (6TB)⁵

Power Supply

210W 85% Efficient
250W 85%⁶ Efficient
400W 92%⁶ Efficient

RAID

0, 1, 5, 10⁶

Flex Module

Choose up to 4 modules:
Intel® Thunderbolt™ 3 (Type-C)
9.0 mm Slim ODD
Media Card Reader
1394 IEEE Firewire
eSATA

ACCESSORIES

ThinkVision® P27q Monitor
3Dconnexion® CAD Mouse
Rack Shelf Conversion Kit

CONNECTIVITY

Ports

Front

(2) USB 3.0
(1) Microphone
(1) Headphone
(1) 29-in-1 Media Card Reader⁷ (Optional)
(1) 9-in-1 Media Card Reader (Optional)
(1) 1394 IEEE Firewire⁷
(1) eSATA⁷

Rear

(4) USB 3.0
(2) USB 2.0
(1) Serial (Optional)
(1) VGA
(2) DisplayPort™
(1) Ethernet
(1) Audio Line-in
(1) Audio Line-out
(1) Microphone-in

WiFi

Intel® Dual Band Wireless-AC 8265
802.11 b/g/n, 2 x 2,
2.4 GHz WiFi + Bluetooth® 4.0

PCI / PCIe Slots

1 x PCIe x16
1 x PCI x4 (x16 Mechanical)
2 x PCIe x1

DESIGN

Dimensions (W x D x H)

Small Form Factor

(mm) : 101.6 x 394.5 x 337.8
(inches): 4.0" x 15.5" x 13.3"

Tower

(mm) : 175.3 x 426 x 376
(inches): 6.9" x 16.8" x 14.8"

Chipset

Intel® C236

Physical Security

Cable Lock

SOFTWARE

Windows 10 Preload

CyberLink Power2Go
(on systems with optical drives)
CyberLink Create
(on systems with optical drives)
Lenovo™ Companion
Microsoft Office 2016 (trial)

Windows 7 Preloads

Adobe® Acrobat® Reader
CyberLink Power2Go
(on systems with optical drives)
CyberLink Create
(on systems with optical drives)
Microsoft Office 2016 (trial)
McAfee™ LiveSafe 30-day trial
(systems with Core i5 and i7 CPU)
ThinkVantage® System Update
Rescue and Recovery®
Lenovo™ Solution Center
Lenovo™ PowerEngage
Splashtop®

GREEN CERTIFICATION

ENERGY STAR® 6.0 Qualified
EPEAT™ GOLD Rating
GREENGUARD® Certified
80 PLUS® Platinum – 400 W PSU
80 PLUS® Silver – 250 W PSU

¹ 6th Gen Intel Core i and Intel® Xeon® E3-1200 v5 processors also available
² Home, Enterprise and IoT
³ Available via Windows 10 Pro 64-bit license downgrade facilitation using 6th Gen Intel® Core™ i and Intel® Xeon v5 processors
⁴ Only available with 400 W power supply
⁵ Any combination of storage to equal maximum storage drives
⁶ Tower only
⁷ Via FLEX module

RECOMMENDED SERVICES

Lenovo™ offers a comprehensive portfolio of services to support and protect your ThinkStation® investment. Focus on your customers and business, not your IT.

WARRANTY EXTENSIONS⁸

This fixed-term, fixed-cost service helps accurately budget for PC expenses, protect your investment and potentially lower the cost of ownership over time.

TECHNICIAN INSTALLATION OF CRU⁹ PARTS

Frees you from installing all internal parts so that you have more time to deal with mission critical business.

LENOVO PREMIER SUPPORT⁹

Connects your organization directly with EMEA-based skilled technicians, who will provide hardware and software support with 'ease' of trouble shooting communication and expediting Next Business Day On-site support when required.

⁸ Available up to 5 years total duration

⁹ Not available in all regions

¹⁰ CRU - Customer Replaceable Unit



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