ThinkStation® P340 TWR & SFF

POWER OF A WORKSTATION
PRICE OF A DESKTOP

STYLISH, ROBUST, UNCOMPROMISED PERFORMANCE

Experience performance, style, and Lenovo's unmatched reliability in the P340. Featuring high-end graphics and processing options, and cutting-edge storage and memory technology, the P340 delivers an uncompromised computing experience. The robust usability, combined with tool-less component access, ThinkShield security suite, and comprehensive I/O and expansion capabilities, makes the P340 ideal for both beginners and advanced users. Perfect for CAD, Architecture Design, Education, Healthcare, and Finance, users can choose from the compact stylish P340 SFF or the powerhouse VR-ready desktop P340 Tower for value without sacrificing compute power.

FEATURES

CPU — Up to Intel® Xeon® W-Series or 10th Gen Intel® Core™ processors

GPU — Support for VR-ready NVIDIA® Quadro RTX™ 5000* graphics card

Up to 500W power supply* (up to 92% efficient)

Up to 128GB, 2933MHz memory

M.2 — Dual M.2 NVMe PCIe storage with RAID capability

3 DisplayPort™ ports¹ on board, up to 11 independent displays

*NVIDIA Quadro RTX 5000 and 500W power supply in P340 Tower only

Lenovo™

Lenovo™ Options & Accessories

ThinkVision® P24q-20

NVIDIA® Quadro® P1000

ThinkStation® 1TB SATA Enterprise HDD

Lenovo ThinkStation P340 TWR & SFF Specifications

PERFORMANCE

Processor

TWR
Up to Intel® Xeon® W-1290P
Up to 10th Gen Intel® Core™ i9-10900K
(up to 10 cores, up to 5.2GHz)

SFF
Up to Intel Xeon W-1290
Up to 10th Gen Intel Core i9-10900
(up to 10 cores, up to 5.1GHz)

Chipset

Intel W480

Operating System

Windows 10 Pro for Workstations[1]
Windows 10 Pro[2]
Window 10 Home
Ubuntu® Linux®[3]
Red Hat® Linux (certified)

Graphics

TWR:
Up to NVIDIA® Quadro RTX™ 5000

SFF:
Up to NVIDIA Quadro P1000

Total Memory

Up to 128GB DDR4, 2933MHz
4 UDIMM Slots

Memory DIMM Capacity

4GB / 8GB / 16GB / 32GB ECC[1]
8GB / 16GB / 32GB non-ECC[2]

Total Storage

Up to 6 total drives[4]
Max M.2 = 4 (8TB)[5]
Max 3.5″ = 2 TWR (12TB)[5]; 1 SFF (6TB)[5]
Max 2.5″ = 2 TWR (2TB)[5]; 1 SFF (1TB)[5]

Storage Type Capacity

M.2 PCIe NVMe SSD up to 2TB
3.5″ SATA 7200rpm up to 6TB
2.5″ SATA SSD up to 1TB

RAID

M.2 = 0/1 (TWR/SFF)
SATA = 0/1/5/10 (TWR); 0/1 (SFF)

CONNECTIVITY

Front Ports

(2) USB 3.2 Gen 1 Type-A*
(1) USB 3.2 Gen 1 Type-C*
(2) USB 3.2 Gen 2 Type-A**
(1) Audio Jack
(1) Microphone Jack

Rear Ports

(2) USB 2.0 Type-A
(2) USB 3.2 Gen 1 Type-A*
(1) Audio (Line Out)
(3) DisplayPort™[6]
(1) RJ-45 Gigabit Ethernet
(2) Serial Port[7]
(1) Thunderbolt™ 3[5]
(1) HDMI[8]
(2) PS/2[8]
(1) Parallel Port[8]
(1) Dual Type-C Ports USB 3.1 Adapter[8]
(1) Dual Type-A Ports USB 2.0 Adapter[8]

WLAN

Intel AX201 AC Wi-Fi + Bluetooth™ 5.0
Intel Wi-Fi w/ Bluetooth™ External
Antenna Kit[8]

Removable Storage

(1) 3-in-1 Media Card Reader[8]
(1) Slim ODD[8]
(1) Front Accessible Drive Tray[8]

Power Supply

TWR
300W (90% efficient) or
500W (92% efficient)

SFF
310W or 380W (92% efficient)

Expansion Slots

(1) PCIe 3.0 x16
(1) PCIe 3.0 x1
(1) PCIe 3.0 x4

SOFTWARE

Lenovo Preload[9]

Lenovo Vantage
Lenovo ThinkShield

DESIGN

Dimensions (WxDxH)

TWR (mm): 170 x 315.35 x 376
  (inches): 6.7 x 12.4 x 14.8
SFF (mm): 92.5 x 309.7 x 339.5
  (inches): 3.6 x 9.3 x 13.4

Weight

TWR max configuration: 20.7lbs (9.4kg)
SFF max configuration: 12.6lbs (5.7kg)

ISV CERTIFICATIONS

AVID®, Adobe®, Altair®, Autodesk®,
ANSYS®, Bentley®, Dassault®,
Nemetschek®, PTC®, Siemens®,
Barco®, McKesson®

GREEN CERTIFICATIONS

ENERGY STAR® 8.0
EPEAT®[10]
GREENGUARD®
RoHS Compliant

For a full list of accessories and options, please visit:
https://accsmartfind.lenovo.com

Page 1: 1 (1) Serial port standard; (1) Serial port optional

Page 2: 1 Intel Xeon processors only

2 Intel Core processors only

3 Select versions available via preload; versions are configuration specific

4 Any combination of storage to equal maximum storage drives

5 Additional hardware required

6 (2) DisplayPort standard, (1) DisplayPort optional

7 (1) Serial port standard; (1) Serial port optional

8 Optional

9 Available with Windows 10 Operating System only

10 Certification available on select models; EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

* The actual transfer speed of the USB 3.2 Gen1 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, will be slower than a speed of 5Gbit/s.

** The actual transfer speed of the USB 3.2 Gen2 will vary and, depending on many factors, such as the processing capability of host and peripheral devices, file attributes and other factors related to system configuration and your operating environments, will be slower than a speed of 10Gbit/s.

Premier Support
Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

Warranty Upgrades
Onsite Service maximizes PC uptime and productivity by providing convenient, fast repair service at your place. In addition, with Tech Install CRU service the installation of all internal Customer Replaceable Unit (CRU) parts will be done on your behalf by a trained technician.[1]

Accidental Damage Protection
Protect your investment from operational or structural damage caused by common accidents like drops, spills, or electrical surges. This protection plan helps with predictable budgeting, minimizes unexpected repair costs and provides significant savings relative to the cost of non-covered repairs.[1]

[1] Up to 5 years total duration

[2] May not be available in all regions

intel XEON® inside™