

PERFORMANCE

Processor

Intel® Core™ i9-11950H (8C / 16T, 2.6 / 5.0GHz, 24MB)

Graphics

NVIDIA® GeForce® RTX™ 3080 16GB GDDR6

Chipset

Intel WM590

Memory

1x 32GB SO-DIMM DDR4-3200 Non-ECC

Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 64GB

Storage

1TB SSD M.2 2280 PCIe 4.0 NVMe Opal2

Storage Support

Up to two M.2 2280 SSD, up to 2TB each

RAID Preset

None

Card Reader

SD Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, Dolby® Atmos® Speaker System certified

Camera

1080p + IR with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 90Wh

Max Battery Life

MobileMark® 2018: 10.9 hr

JEITA 2.0: 13.7 hr

Power Adapter

230W Slim Tip 3-pin

DESIGN

Display

16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB,

Low blue light, DC dimming

Touchscreen

None

Color Calibrator

None

Keyboard

Backlit, English

Case Color

Black

Case Material

Carbon Fiber (Black) + PC + PPS Hybrid

Pen

None

Dimensions (WxDxH)

359.5 x 253.8 x 17.7 mm (14.15 x 9.99 x 0.7 inches)

Weight

1.81 kg (3.99 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, English

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M via Optional Adapter

WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

WWAN

None

SIM Card

None

NFC

None

Standard Ports

- 1x HDMI® 2.1 (HDMI 2.0 on NVIDIA T1200 or integrated graphics only model)
- 2x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 1x Security keyhole
- 2x USB 3.2 Gen 1 (one Always On)
- 1x headphone / microphone combo jack (3.5mm)
- 1x SD card reader

Optional Ports

1x Nano-SIM card slot (WWAN model)

Monitor Cable

None

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0

Fingerprint Reader

Touch Style, Match-on-Chip

Physical Locks

Kensington® Security Slot (2.5 x 6 mm)

MANAGEABILITY

System Management

Intel® vPro, DASH

SERVICE

Base Warranty

3-year, Depot

Included Upgrade

3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0V07092)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- RoHS compliant
- EPEAT™ Gold
- ENERGY STAR® 8.0

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

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

MODEL

TopSeller : Yes **Announce Date** : 2021-06-08

EAN / UPC / JAN : 195891624937 **End of Support** : 2028-01-08

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 Services

BEST	4Y Lenovo Protect (Premier Support + ADP + KYD + 3Y SBTY + International Upg) (5PS1D67024)
BETTER	3Y Lenovo Protect (ADP + KYD + SBTY + International Upg) (5PS1D67023)
GOOD	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)

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



PSREF
Product Specifications
Reference