

PERFORMANCE

Processor

Intel® Core™ i7-11800H (8C / 16T, 2.3 / 4.6GHz, 24MB)

Graphics

NVIDIA® GeForce® RTX™ 3070 8GB GDDR6

Chipset

Intel WM590

Memory

2x 8GB SO-DIMM DDR4-3200 Non-ECC

Memory Slots

Four DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 128GB DDR4-3200

Storage

512GB SSD M.2 2280 PCIe 4.0 NVMe Opal2

Storage Support

Up to three drives, 3x M.2 SSD
• M.2 2280 SSD up to 2TB

RAID Preset

None

Card Reader

SD Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, Dolby® Atmos®

Camera

720p + IR with Privacy Shutter

Microphone

2x, Array

Battery

Integrated 94Wh

Max Battery Life

MobileMark® 2018: 7 hr
JEITA 2.0: 11 hr

Power Adapter

230W Slim Tip (3-pin)

DESIGN

Display

15.6" FHD (1920x1080) IPS 500nits Anti-glare, 100% sRGB, Dolby Vision™

Touchscreen

None

Color Calibrator

Factory Color Calibration on UHD panels

Keyboard

Backlit, English

Case Color

Black

Case Material

Top: GFRP 50% (PPS695 + GF 50%)
Bottom: GFRP 50% (PA + GF 50%)

Pen

None

Dimensions (WxDxH)

375.4 x 252.3 x 24.5-31.45 mm (14.24 x 9.67 x 0.96-1.24 inches)

Weight

Models	Weight
Non-touch models	2.87 kg (6.32 lbs)
All models	2.87 kg (6.32 lbs)

SOFTWARE

Operating System

Windows® 10 Pro 64, English

Bundled Software

None

CONNECTIVITY

Ethernet

2.5 GbE

WLAN + Bluetooth®

Intel AX210 11ax, 2x2 + BT5.2

WWAN

WWAN Upgradable to 4G

SIM Card

None

NFC

None

Standard Ports

- 2x USB 3.2 Gen 1 (one Always On)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery)

Optional Ports (configured)

- 1x HDMI® 2.1 (model with Geforce RTX graphics)
- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN model)

Monitor Cable

None

SECURITY & PRIVACY

Smart Card Reader

None

Security Chip

Discrete TPM 2.0

Fingerprint Reader

Touch Style, Match-on-Chip

Physical Locks

Kensington® Security Slot (3 x 7 mm)

MANAGEABILITY

System Management

None

SERVICE

Base Warranty

3-year, Depot

Included Upgrade

3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WSOV07092)

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

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

Mil-Spec Test

MIL-STD-810H military test passed

ISV Certifications

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

MODEL

TopSeller	: Yes	Announce Date	: 2021-07-27
EAN / UPC / JAN	: 196118320922	End of Support	: 2028-01-08

- 3.0 and DisplayPort™ 1.4)
- 2x Thunderbolt™ 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4a)
- 1x SD card reader
- 1x Ethernet (2.5GbE RJ-45)

· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

· California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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



ThinkPad Thunderbolt 3 Workstation Dock Gen 2

40ANY230US

Lenovo understands that modern business depends on a wide variety of notebooks and devices from different brands working seamlessly together to meet business needs. To deliver this experience, ThinkPad Thunderbolt 3 W...

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