

PERFORMANCE**Processor**

Intel® Core™ i7-9850H (6C / 12T, 2.6 / 4.6GHz, 12MB)

Graphics

NVIDIA® Quadro® RTX 3000 6GB GDDR6

Chipset

Intel CM246

Memory

2x 8GB SO-DIMM DDR4-2666 non-ECC

Memory Slots

Four DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 128GB

Storage

1TB SSD M.2 2280 PCIe® NVMe® Opal2

Storage Support

Up to three drives, 1x 2.5" HDD + 2x M.2 2280 SSD or 3x M.2 2280 SSD

- 2.5" HDD up to 2TB
- M.2 2280 SSD up to 2TB each

Card Reader

4-in-1 Card Reader

Audio Chip

High Definition (HD) Audio, Synaptic® CX11880 codec

Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Battery

Integrated 90Wh

Max Battery Life

MobileMark® 2014: 8 hr (discrete mode) or 13 hr (hybrid mode)

Power Adapter

230W Slim Tip

DESIGN**Display**

15.6" UHD (3840x2160) OLED 400nits AR (anti-reflection) / AS (anti-smudge), 100% DCI-P3 Gamut, Dolby Vision™, HDR

Touchscreen

10-point Multi-touch

Color Calibrator

Factory Color Calibration

Keyboard

Backlit, English (EU)

Case Color

Black

Case Material

GFRP (Top), Magnesium-aluminum (Bottom)

Dimensions (WxDxH)

377.4 x 252.3 x 25.8-30.7 mm (14.86 x 9.93 x 1.02-1.21 inches)

Weight

2.9 kg (6.4 lbs)

SOFTWARE**Operating System**

Windows® 10 Pro 64, WE (EN/FR/DE/NL/IT)

CONNECTIVITY**Ethernet**

100/1000M

WLAN + Bluetooth®

Intel AX200 11ax, 2x2 + BT5.1

WWAN

Fibocom L850-GL

Standard Ports

- 2x USB 3.1 Gen 1 (one Always On)
- 1x USB-C® 3.1 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 2x USB-C 3.1 Gen 2 / Thunderbolt™ 3 (support data transfer, Power Delivery and DisplayPort)
- 1x HDMI® 2.0
- 1x SD card reader
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Security keyhole

Optional Ports (configured)

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

SECURITY & PRIVACY**Smart Card Reader**

Smart Card Reader

Security Chip

Discrete TPM 2.0

Fingerprint Reader

Touch Style, Match-on-Chip

Physical Locks

Kensington® Security Slot

Other Security

- IR camera for Windows® Hello
- ThinkShutter camera cover

MANAGEABILITY**System Management**

Intel® vPro, DASH

SERVICE**Base Warranty**

3-year, Depot

Included Upgrade

3Y Onsite upgrade from 3Y Depot/CCI (5WSOV07088)

CERTIFICATIONS**Green Certifications**

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

Mil-Spec Test

MIL-STD-810G military test passed

ISV CertificationsPlease visit www.thinkworkstations.com/isv-certifications/**MODEL**

TopSeller : Yes

EAN / UPC / JAN : 0194552406561

Announce Date : 2019-09-17

End of Support : 2026-02-23



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

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	5Y Premier Support Upgrade from 3Y Onsite (5WSOV07089)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WSOV07069)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WSOV07066)

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



PSREF
Product Specifications
Reference