

## 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 (5WS0V07088)

## CERTIFICATIONS

### Green Certifications

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

### Mil-Spec Test

MIL-STD-810G military test passed

### ISV Certifications

Please visit [www.thinkworkstations.com/isv-certifications/](http://www.thinkworkstations.com/isv-certifications/)

## MODEL

**TopSeller** : Yes

**Announce Date** : 2019-09-17

**EAN / UPC / JAN** : 0194552406561

**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



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	5Y Premier Support Upgrade from 3Y Onsite (5WS0V07089)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0V07069)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0V07066)

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



**PSREF**  
Product Specifications  
Reference