

## PERFORMANCE

### Processor

Intel® Core™ i7-10850H (6C / 12T, 2.7 / 5.1GHz, 12MB)

### Graphics

NVIDIA® Quadro® RTX 3000 6GB GDDR6

### Chipset

Intel WM490

### Memory

2x 16GB SO-DIMM DDR4-2933 Non-ECC

### Memory Slots

Four DDR4 SO-DIMM slots, dual-channel capable

### Max Memory

Up to 128GB DDR4-2933

### Storage

1TB SSD M.2 2280 PCIe® NVMe® Opal2

### Storage Support

Up to two drives, 2x M.2 SSD

- M.2 2280 SSD up to 2TB

### Card Reader

SD Reader

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3286 codec

### Speakers

Stereo speakers, Dolby® Atmos®

### Camera

IR & HD 720p with ThinkShutter

### Microphone

2x, Array

### Battery

Integrated 94Wh

### Max Battery Life

MobileMark® 2014: 14.6 hr

MobileMark 2018: 9.75 hr

JEITA 2.0: 16.6 hr

### Power Adapter

230W Slim Tip (3-pin)

## DESIGN

### Display

17.3" FHD (1920x1080) IPS 300nits Anti-glare, 72% Gamut

### Color Calibration

No color calibration

### Keyboard

Backlit, French

### Case Color

Black

### Case Material

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

Bottom: PPS + GF

### Dimensions (WxDxH)

415.44 x 280.81 x 25.11-33.25 mm (16.36 x 11.06 x 0.99-1.31 inches)

### Weight

3.5 kg (7.7 lbs)

## SOFTWARE

### Operating System

Windows® 10 Pro 64, French

## CONNECTIVITY

### Ethernet

100/1000M

### WLAN + Bluetooth®

Intel AX201 11ax, 2x2 + BT5.1

### WWAN

WWAN Upgradable to 4G

### Standard Ports

- 3x USB 3.2 Gen 1 (one Always On)
- 1x USB-C® 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™ 1.4)
- 2x Thunderbolt™ 3 (support data transfer, Power Delivery, and DisplayPort 1.4)
- 1x HDMI® 2.0
- 1x SD card reader
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

### Optional Ports (configured)

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

### Docking

Various docking solutions supported via Thunderbolt or USB-C.

For more compatible docking solutions, please visit [Docking for ThinkPad® P17 Gen 1](#)

## 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™, 3 x 7 mm

## MANAGEABILITY

### System Management

Intel® vPro®

## SERVICE

### Base Warranty

3-year, Depot

### Included Upgrade

3Y Premier TP WS WHB (CPN) (5WS1B09494)

## 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 : 2020-07-28

EAN / UPC / JAN : 0195235049914

End of Support : 2027-02-28



· Lenovo reserves the right to change specifications or other product information without notice.

· Product image on this page is a sample, it may not match the real color of this model

· 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

## 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 230W AC Adapter (slim tip) - US/CAN/MEX

4X20E75111

Keep a spare ThinkPad 230W AC Adapter at hand to ensure your ThinkPad has a consistent flow of power. Keep one adapter in the office, one at home and another in your carrying case for immediate, convenient access to p...

## Recommended Services

BEST	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39135)
BETTER	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