

PERFORMANCE

Processor

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

Graphics

NVIDIA® GeForce® RTX™ 2070 SUPER Max-Q 8GB GDDR6

Chipset

Intel WM490

Memory

2x 8GB SO-DIMM DDR4-2933 Non-ECC

Memory Slots

Four DDR4 SO-DIMM slots, dual-channel capable

Max Memory

Up to 128GB

Storage

512GB SSD M.2 2280 PCIe NVMe Opal2

Storage Support

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

Card Reader

MicroSD Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC3286 codec

Speakers

Stereo speakers, Dolby® Atmos® sound system

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Battery

Integrated 94Wh

Max Battery Life

MobileMark® 2014: 16.4 hr
MobileMark 2018: 10.3 hr

Power Adapter

230W Slim Tip

DESIGN

Display

15.6" FHD (1920x1080) IPS 500nits Anti-glare, 72% Gamut, Dolby Vision™, HDR

Touchscreen

None

Keyboard

Backlit, Italian

Case Color

Black

Case Material

Display cover: GFRP 50% (PPS695 + GF 50%)
Bottom: PPS + GF

Dimensions (WxDxH)

Models	Dimensions
Touch models	375.4 x 252.3 x 25.25-32.2 mm (14.24 x 9.67 x 0.99-1.27 inches)
Non-touch models	375.4 x 252.3 x 24.5-31.45 mm (14.24 x 9.67 x 0.96-1.24 inches)

Weight

2.74 kg (6.05 lbs)

SOFTWARE

Operating System

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

Bundled Software

None

CONNECTIVITY

Ethernet

100/1000M

WLAN + Bluetooth™

Intel AX201 11ax, 2x2 + BT5.1

WWAN

WWAN Upgradable

SIM Card

None

NFC

None

Standard Ports

- 2x USB 3.2 Gen 1 (one Always On)
- 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort™)
- 2x USB-C 3.2 Gen 2 / Thunderbolt™ 3 (support data transfer, Power Delivery and DisplayPort)
- 1x HDMI® 2.0
- 1x SD card reader

Monitor Cable

None

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

Bundled Service

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

ACCESSORIES

Bundled Accessories

None

CERTIFICATIONS

Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- RoHS

Mil-Spec Test

MIL-STD-810G military test passed

ISV Certifications

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

MODEL

TopSeller	: Yes	Announce Date	: 2020-07-14
EAN / UPC / JAN	: 0195235254004	End of Support	: 2027-02-21

- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)
- 1x Security keyhole

Optional Ports

- 1x Nano-SIM card slot (WWAN models)
- 1x Smart Card Reader

The product image is a sample, it may not match the real color of this model

For a full list of this model's configurations and device specifications, please visit: <https://psref.Lenovo.com>

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 USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...



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...

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

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PSREF
Product Specifications
Reference