

## PERFORMANCE

### Processor

Intel® Xeon® W-1290P (10C / 20T, 3.7 / 5.3GHz, 20MB)

### Processor Sockets

1x FCLGA1200

### Integrated Graphics

Intel UHD Graphics P630

### Discrete Graphics

NVIDIA® Quadro® P2200 5GB

### Chipset

Intel W480

### Memory

2x 16GB UDIMM DDR4-2933 non-ECC

### Memory Slots

Four DDR4 UDIMM slots, dual-channel capable

### Max Memory

Up to 128GB DDR4-2933

### M.2 SSD RAID Controller

Onboard Intel RSTe PCIe

### M.2 SSD Drive

1x 512GB SSD M.2 2280 PCIe NVMe Opal

### HDD Controller

Onboard Intel RST SATA RAID

### Internal Disk Drive

None

### Optane™ Memory

None

### Storage Support

Up to 2x 3.5" SATA HDD / 4x 2.5" SATA HDD / SSD + 4x M.2 PCIe SSD

- 3.5" HDD up to 4TB each
- 2.5" SATA HDD up to 1TB each
- 2.5" SATA SSD up to 1TB each
- M.2 PCIe SSD up to 2TB each
- Optional Intel Optane Memory

### Optical

9.0mm DVD±RW

### Audio Chip

High Definition (HD) Audio, Realtek® ALC623 codec

### Power Supply

500W 92%

## DESIGN

### Keyboard

USB Calliope Keyboard, Black, Italian

### Mouse

USB Calliope Mouse

### Expansion Slots

- Two PCIe 3.0 x16
- One PCIe 3.0 x1

### M.2 Slots

Up to 4x M.2 SSD:

- 2 via onboard slots
- 2 via Single M.2 to PCIe adapter

### Bays

- 2x 2.5" disk bay
- 1x slim ODD bay
- 2x 3.5" disk bay

### Dimensions (WxDxH)

170 x 315.35 x 376 mm (6.7 x 12.4 x 14.8 inches)

### Weight

9.38 kg (20.68 lbs, maximum configuration)

## CONNECTIVITY

### Onboard Ethernet

1x GbE RJ-45

### Optional Ethernet

None

### WLAN + Bluetooth™

None

### Card Reader

SD Reader

### Front Ports

- 1x headphone / microphone combo jack (3.5mm)
- 2x USB 3.2 Gen 2
- 1x USB-C 3.2 Gen 1
- 1x microphone (3.5mm)
- 2x USB 3.2 Gen 1

### Rear Ports

- 1x serial (9-pin)
- 2x DisplayPort™
- 1x Ethernet (RJ-45)
- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x line-out (3.5mm)

### Optional Rear Ports

None

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0, TCG certified

### Physical Locks

- Cable lock
- E-lock
- Kensington® Security Slot
- Padlock Loop

### Cover Lock

E-Lock

### Cable Lock

Cable Lock

### Chassis Intrusion Switch

Chassis Intrusion Switch

## MANAGEABILITY

### System Management

Intel® vPro with AMT 14, DASH

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications

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

### ISV Certifications

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

## SOFTWARE

### Operating System

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

### Bundled Software

None

## MODEL

**TopSeller** : Yes

**Announce Date** : 2020-12-29

**EAN / UPC / JAN** : 0195713037365

**End of Support** : 2028-07-30

## 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



### Kensington MicroSaver 2.0 Twin Cable Lock from Lenovo

4XEON80915

Protect your devices. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Twin Head Cable Lock from Lenovo. It locks 2 devices with the same cable lock. Engineered to be the smallest, strongest l...

## Recommended Services

BEST	5Y Premier Support Upgrade from 3Y Onsite (5WSOT36135)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WSOT36136)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WSOU26646)

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference