ThinkCentre M90a 11CD004LGE

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i5-10500 (6C / 12T, 3.1 / 4.5GHz, 12MB)

Graphics
Integrated Intel UHD Graphics 630

Chipset
Intel Q470 Chipset

Memory
2x 4GB SO-DIMM DDR4-2666

Memory Slots
Two DDR4 DIMM slots, dual-channel capable

Max Memory
Up to 64GB DDR4-2933

Storage
1x 256GB SSD M.2 2280 PCIe 3.0x4 NVMe Opal

Optane™ Memory
None

Storage Support
Up to three drives, 2x 2.5" HDD + 1x M.2 2242/2280 SSD
- 2.5" HDD up to 2TB eac
- M.2 SSD up to 1T
- Optional Intel Optane Memory, M.

Card Reader
3-in-1 Card Reader

Optical
DVD±RW

Audio Chip
High Definition (HD) Audio, Realtek® ALC233 codec

Speakers
3Wx2

Camera
1080p RGBIR

Microphone
2x, Array

Power Supply
150W 89% Adapter

DESIGN

Display
23.8" FHD (1920x1080) IPS Anti-glare

Touchscreen
None

Keyboard
USB Calliope Keyboard, Black, German

Mouse
USB Calliope Mouse, Black

Expansion Slots
Two M.2 slots (one for WLAN, one for SSD)

Case Color
Black

Stand
Full Function Monitor Stand

Carry Handle
None

Dust Filter
None

VESA Mount
VESA mount

Form Factor
AIO (23.8 inches)

Dimensions (WxDxH)
541 x 200 x 414.2 to 494.2 mm (21.3 x 7.9 x 16.3 to 19.5 inches)

Weight
7.84 kg (17.3 lbs)

CONNECTIVITY

Ethernet
Integrated 100/1000M

WLAN + Bluetooth®
Intel 9560 11ac, 2x2 + BT5.0

Rear Ports
- 1x Ethernet (RJ-45
- 4x USB 3.2 Gen 1 (one supports Smart Power On
- 1x DisplayPor

Right Ports
- 1x USB-C 3.2 Gen 1 (5V/3A charging
- 2x USB 3.2 Gen
- 1x headphone / microphone combo jack (3.5mm

Monitor Cable
None

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified

Fingerprint Reader
No fingerprint reader

Physical Locks
Kensington® Security Slot

Kensington Cable Lock
None

Chassis E-Lock
None

Chassis Intrusion Switch
Chassis Intrusion Switch

Other Security
ThinkShutter camera cover

MANAGEABILITY

System Management
None

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
None

CERTIFICATIONS

Green Certifications
- RoHS complian
- TCO Certified 8.
- TCO edg
- ErP Lot

Other Certifications
- TÜV Ultra Low Noise certifie
- TÜV Eye comfort certifie
- TUV Low Blue Light certifie

Mil-Spec Test
MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)

SOFTWARE

Operating System
Windows® 10 Pro 64, German

Bundled Software
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2020-05-26
EAN / UPC / JAN	: 0195042680171	**End of Support**	: 2027-01-04

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

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 Cable Lock from Lenovo

4XE0N80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...



ThinkPad UltraSlim USB DVD Burner

4XA0E97775

ThinkPad UltraSlim USB DVD Burner -- is a small form factor external portable DVD and CD recordable drive that can be attached to Notebooks with USB2.0 port or USB3.0 port. With 9.5mm UltraSlim engine, 20% slimmer tha...

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

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