ThinkCentre M70a Gen 3 11VL002QIX

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-12700, 12C (8P + 4E) / 20T, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

Graphics
Integrated Intel UHD Graphics 770

Chipset
Intel Q670 Chipset

Memory
1x 16GB SO-DIMM DDR4-3200

Memory Slots
Two DDR4 SO-DIMM slots, dual-channel capable

Max Memory
Up to 64GB DDR4-3200

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 Value NVMe® Opal

Storage Support
Up to three drives, 2x 2.5" HDD + 1x M.2 SSD
• 2.5" HDD up to 2TB each
• M.2 SSD up to 1TB

Card Reader
3-in-1 Card Reader

Optical
DVD±RW

Audio Chip
High Definition (HD) Audio, Realtek® ALC256-NL codec

Speakers
2Wx2

Camera
5.0MP RGBIR

Microphone
2x, Array

Power Supply
180W 90%

DESIGN

Display
21.5" FHD (1920x1080) IPS Anti-glare, Touch

Touchscreen
10-point Multi-touch

Keyboard
USB Traditional Keyboard, Black, Italian

Mouse
USB Calliope Mouse, Black

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

Case Color
Black

Stand
UltraFlex V Stand

Mounting
VESA mount

Form Factor
AIO (21.5 inches)

Dimensions (WxDxH)
Lowest in vertical mode: 489 x 216.32 x 358.82 mm (19.25 x 8.52 x 14.13 inches)
Highest in vertical mode: 489 x 216.32 x 443.31 mm (19.25 x 8.52 x 17.45 inches)

Weight
Around 7.985 kg (17.6 lbs)

CONNECTIVITY

Ethernet
Integrated 100/1000M

WLAN + Bluetooth®
Intel AX201 11ax, 2x2 + BT5.2

Rear Ports
- 3x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 2 (support data transfer and 15W charging)
- 1x HDMI® (HDMI in 1.4 / HDMI out 2.1 TMDS combo port)
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)

Optional Rear Ports (configured)
None

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

Optional Right Ports (configured)
1x card reader

Monitor Cable
None

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified

Fingerprint Reader
No fingerprint reader

Physical Locks
Kensington® Security Slot, 3 x 7 mm

Chassis Intrusion Switch
Chassis Intrusion Switch

Other Security
ThinkShutter camera cover

MANAGEABILITY

System Management
Non-vPro

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
None

CERTIFICATIONS

Green Certifications
- EPEAT™ Gold
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified 9.0
- TCO edge
- RoHS compliant

Other Certifications
- TÜV Rheinland® Flicker Free
- TÜV Rheinland Low Blue Light
- UL Anti-dust

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, Contamination by Fluids, Salt Fog)

SOFTWARE

Operating System
Windows® 11 Pro 64, WE (EN/FR/DE/NL/IT)

Bundled Software
None

MODEL

TopSeller	: Yes	Announce Date	: 2022-04-26
EAN / UPC / JAN	: 0196380171840	End of Support	: 2028-11-12

· 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

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

Recommended Services

BEST	5Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection + International Upg) (5PS0N73150)
BETTER	5Y Lenovo Support (Premier Support + Keep Your Drive + International Upg) (5PS0N73174)
GOOD	4Y Lenovo Support (Premier Support + Keep Your Drive + International Upg) (5PS0N73243)

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

Lenovo **PSREF**
Product Specifications Reference