M70a G3 i5 8GB 256GB W11P 3Y OS

DATA SHEET

Product Information

Brand	Lenovo
SKU	10382743
Manu Part #	11VL001MUK
EAN	196380178832

Network

Ethernet LAN	Y
Bluetooth	Y
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Wi-Fi	Y
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Ethernet LAN data rates	100,1000 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Dual Band Wireless-AC 9560

WLAN controller manufacturer	Intel
Bluetooth version	5

Display

Display resolution	1920 x 1080 pixels
Display diagonal	54.6 cm (21.5)
HD type	Full HD
Native aspect ratio	16:9
Touchscreen	N
Panel type	IPS
Display brightness	250 cd/m²
Anti-glare screen	Y

Processor

Processor family	Intel® Core™ i5
Processor model	i5-12500
Processor manufacturer	Intel
Processor boost frequency	4.6 GHz
Processor generation	12th gen Intel® Core™ i5
Bus type	DMI4
Processor cores	6

Software

Operating system installed	Windows 11 Pro

Memory

Internal memory	8 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory	64 GB
Memory clock speed	3200 MHz
Memory form factor	DIMM/SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots type	SO-DIMM
Memory slots	2

Sustainability

Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold, RoHS

Storage

Card reader integrated	Y
Storage media	SSD

Total storage capacity	256 GB
Optical drive type	DVD±RW
Compatible memory cards	SD, SDHC, SDXC
SSD capacity	256 GB
Total SSDs capacity	256 GB
SSD interface	PCI Express
SSD form factor	M.2
Number of SSDs installed	1

Ports & interfaces

Combo headphone/mic port	Y
HDMI ports quantity	1
Ethernet LAN (RJ-45) ports	1
DisplayPorts quantity	1

Graphics

On-board graphics card model	Intel UHD Graphics 770
On-board graphics card	Y
Discrete graphics card model	Not available
Discrete graphics card	N

Processor special features

Intel Virtualization Technology (VT-x)	Y
Intel Virtualization Technology for Directed I/O (VT-d)	Y
Intel VT-x with Extended Page Tables (EPT)	Y
Intel Trusted Execution Technology	Y
Embedded options available	N
Idle States	Y
Intel 64	Y
Execute Disable Bit	Y
Enhanced Intel SpeedStep Technology	Y
Intel Stable Image Platform Program (SIPP)	Y
CPU configuration (max)	1

Audio

Built-in microphone	Y
RMS rated power	4 W
Built-in speaker(s)	Y
Audio chip	Realtek ALC256
Number of speakers	2

Power

AC adapter power	180 W

Weight & dimensions

Depth (with stand)	217.3 mm
Width (with stand)	489 mm
Height (with stand)	475 mm
Weight (with stand)	7.68 kg

Performance

Product type	All-in-One PC
Motherboard chipset	Intel Q670
Trusted Platform Module (TPM)	Y
Placement supported	Horizontal

Camera

Privacy camera	Y
Privacy type	Privacy shutter
Built-in camera	Y
Total megapixels	5 MP

Packaging content

Keyboard included	Y
Mouse included	Y
Keyboard language	UK English

Product Description

High-performance. Spacing-saving design. - Up to 12th Gen Intel® Core™ i9-12900 (65W) / Intel® Q670 - Industry first tiltable camera with privacy shutter - AI noise suppression, and immersive Dolby Atmos sound - 21.5 FHD borderless bezel display with optional conference-call base - ThinkShield security, with user recognition + Smart USB protection

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