



Neo 50s G3 i3_12100 8G 256G WIN PRO DATA SHEET

Product Information

Brand	Lenovo
SKU	10376515
Manu Part #	11SX000PUK
EAN	196379637746

Weight & dimensions

Width	100 mm
Depth	308 mm
Weight	4.5 kg
Height	274.8 mm

Network

Ethernet LAN	Y
Bluetooth	Y

Wi-Fi standards	Wi-Fi 6 (802.11ax)
Wi-Fi	Y
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Ethernet LAN data rates	100,1000 Mbit/s
Antenna type	2x2
Cabling technology	10/100/1000Base-T(X)
WLAN controller model	Intel Wi-Fi 6 AX201
WLAN controller manufacturer	Intel
Bluetooth version	5.1

Processor

Processor family	Intel® Core™ i3
Processor model	i3-12100
Processor manufacturer	Intel
Processor frequency	3.3 GHz
Processor boost frequency	4.3 GHz
Processor cache	12 MB
Processor generation	12th gen Intel® Core™ i3
Processor cache type	Smart Cache
Bus type	DMI4
Processor cores	4

Software

Operating system installed	Windows 11 Pro
Operating system architecture	64-bit
Operating system language	English

Memory

Internal memory	8 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory	64 GB
Memory clock speed	3200 MHz
Memory slots	2x DIMM
Memory channels	Dual-channel
Memory layout (slots x size)	1 x 8 GB

Sustainability

Sustainability certificates	EPEAT Silver, ErP, RoHS, TCO
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Storage

Card reader integrated	Y
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Storage media	SSD
Total storage capacity	256 GB
Optical drive type	N
SSD capacity	256 GB
Total SSDs capacity	256 GB
SSD interface	PCI Express 4.0
SSD form factor	M.2
Number of SSDs installed	1

Ports & interfaces

Combo headphone/mic port	Y
Microphone in	Y
Line-out	Y
HDMI ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI version	2.1
DisplayPorts quantity	1
VGA (D-Sub) ports quantity	1
DisplayPort version	1.4

Graphics

On-board graphics card model	Intel UHD Graphics 730
On-board graphics card	Y
Discrete graphics card model	Not available
Discrete graphics card	N
On-board graphics card family	Intel® UHD Graphics

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
Embedded options available	N
Idle States	Y
Intel 64	Y
Execute Disable Bit	Y
Enhanced Intel SpeedStep Technology	Y
CPU configuration (max)	1

Performance

Product type	PC
Motherboard chipset	Intel B660
Trusted Platform Module (TPM)	Y

Audio chip	Realtek ALC623-CG
Audio system	High Definition Audio
Built-in speaker(s)	Y
Number of speakers	1

Certificates

Certification	ENERGY STAR 8.0 EPEAT Silver ErP Lot 3 TCO Certified 9.0 RoHS compliant
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Power

Power supply	180 W
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Packaging content

Keyboard included	Y
Mouse included	Y

Product Description

Productive, energy-efficient, & adaptive With the latest 12th Gen Intel® Core™ processor, with vast memory and storage, ThinkCentre Neo 50s (Intel) is a truly responsive, powerful small form factor. Engineered to boost productivity, it's adaptable and expandable. Yet, it's highly energy-efficient, uses recycled materials, and has many green credentials. What's more, with built-in device and data safeguards, it's also secure.



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