

ASUS ExpertCenter PN54 -S70012NN AMD Ryzen™ AI 7 350 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Mini PC Black

Brand : ASUS

Product family: ExpertCenter

Product code: 90MS02Y1-M000C0

Product name : PN54-S70012NN

- Windows 11 Pro 64-bit
- AMD Ryzen AI 7 350 (16MB Cache, 2GHz)
- 32GB DDR5-SDRAM & 1000GB SSD

AMD Ryzen AI 7 350 (16MB Cache, 2GHz), 32GB DDR5-SDRAM, 1000GB SSD, AMD Radeon 860M, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

ASUS ExpertCenter PN54 -S70012NN. Processor frequency: 2 GHz, Processor family: AMD Ryzen™ AI 7, Processor model: 350. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 550 g. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor family *	AMD Ryzen™ AI 7	USB4 Gen 3x2 ports quantity	1
Processor generation	AMD Ryzen AI 300 Series	HDMI ports quantity *	1
Processor model *	350	HDMI version	2.1
Processor cores	8	DisplayPorts quantity	2
Processor threads	16	DisplayPort version	1.4
Processor boost frequency	5 GHz	Ethernet LAN (RJ-45) ports	1
Processor frequency *	2 GHz	Combo headphone/mic port	✓
Processor cache	16 MB	DC-in jack	✓
Processor cache type	L2 & L3	Number of rear USB ports	3
Number of processors installed	1	Number of front USB ports	3
Neural processor unit (NPU)		Number of front audio ports	1
Neural processor unit (NPU)	AMD Ryzen AI	Design	
Total processor performance up to	66 TOPs	Chassis type *	Mini PC
NPU performance up to	50 TOPs	Colour name	Black
Memory		Placement supported	Horizontal
Internal memory *	32 GB	VESA mounting	✓
Maximum internal memory *	64 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory slots	2x SO-DIMM	Product colour *	Black
Storage		Copilot key	✓
Total storage capacity *	1 TB	Introduction year	2025
Storage media *	SSD	Performance	
Optical drive type *	✗	Market positioning	Business
Number of storage drives installed	1	Built-in speaker(s)	✓
Total SSDs capacity	1 TB	Fingerprint reader	✓
Number of SSDs installed	1	Product type *	Mini PC
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system architecture	64-bit
NVMe	✓	Operating system installed *	Windows 11 Pro
SSD form factor	M.2		
M.2 SSD size	2280 (22 x 80 mm)		

Graphics		Power	
Discrete graphics card *	✗	Power supply *	120 W
On-board graphics card *	✓	Certificates	
Discrete graphics card model *	Not available	Certification	BSMI/CB/CE/FCC/UL/CCC/Energy Star/C-Tick/WiFi/RF/VCCI
On-board GPU manufacturer	AMD	Weight & dimensions	
On-board graphics card family	AMD Radeon	Width *	130 mm
On-board graphics card model *	AMD Radeon 860M	Depth *	130 mm
Network		Height *	34 mm
Ethernet LAN *	✓	Weight *	550 g
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Packaging data	
Wi-Fi *	✓	Package width	189 mm
Top Wi-Fi standard	Wi-Fi 7 (802.11be)	Package depth	157 mm
Wi-Fi standards	Wi-Fi 7 (802.11be)	Package height	134 mm
Antenna type	2x2	Package weight	1.48 kg
Bluetooth	✓	Packaging content	
Bluetooth version	5.4	Cables included	AC
Ports & interfaces		Screws included	✓
USB 2.0 ports quantity *	1	Manual	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	AC adapter included	✓
		Display	
		Display included *	✗
		Audio	
		Number of speakers	2



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