Thinvent Neo H Mini PC

AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

16GB DDR4 RAM

32GB MLC SSD

No WiFi

Without OS

SKU: H-R5_75-16-S32-19_3-X-W_OS-0



Power through the workday without the wait.

Meet the Thinvent® Neo H Mini PC, the high performance version of our bestselling Neo model. At the heart of this industrial workhorse is an AMD Ryzen 5 7530U processor with six cores and speeds up to 4.5 GHz, paired with fast DDR4 memory and solid state storage. The result is a machine that opens applications quickly, handles multitasking with ease, and keeps your workflow moving.

Built for serious environments

- Industrial control and automation, where a dependable PC on the factory floor matters more than flashy extras
- Kiosks and self service terminals that need to run all day, every day
- Digital signage and display walls, driven through HDMI or VGA outputs
- Back office and point of sale systems that need a compact footprint
- Lab, workshop and embedded computing tasks where a full size desktop simply will not fit

Why choose the Neo H

- Genuine AMD Ryzen performance in a compact mini PC chassis
- A host of connectivity options, including dual display outputs, four USB ports, gigabit Ethernet and audio in and out
- Solid steel housing with a powder coated finish, ready for demanding workspaces
- 100 percent designed and made in India, backed by BIS, RoHS and ISO certifications
- Ships without an operating system, so you install exactly the platform your application needs

When your operation needs a compact computer that simply gets on with the job, the Thinvent® Neo H is ready.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7530U
Cores	6
Max Frequency	4.5 GHz
Cache	16 MB
Main Memory	16 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 1	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	19 Volts
DC Current	3 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.27kg, 1.69kg

OPERATING SYSTEM

Operating System	Without OS

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-r5_75-[RAM]-[SSD]-19_3-[Wireless]-[OS]-[Accessories]`

RAM	**4** = 4GB DDR4	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	**16_16** = 32GB DDR4 RAM (2 x 16GB)	**8_8** = 16GB DDR4 RAM (2 x 8GB)	
SSD	**m128** = 128GB		**m256** = 256GB	
	m512 = 512GB		**m1024** = 1TB	
	m2048 = 2TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
	m128_S128 = Dual 128GB		**m128_S32** = 128GB SSD + 32 GB MLC	
	S128_S32 = 128GB SSD + 32 GB MLC		**S128_S128** = 128GB SSD + 128 GB MLC	
	m32_S32 = 32GB SSD + 32 GB MLC		**S32_S32** = 32GB MLC SSD + 32 GB MLC	
	h1024 = 1TB HDD		**n512_h1024** = 512GB NVMe SSD + 1TB HDD	
	n1024_h1024 = 1TB NVMe SSD + 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**Thinux** = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	**0** = None		**KM** = Keyboard and Mouse set	
	1S = DB9 Serial		**MK** = Mechanical Keyboard	
	Mo = Wired Optical Scroll Mouse			

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