



Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: H-N5-16-S32-12_5-X-U-0



Power Through Your Toughest Industrial Demands: The Neo H Mini PC.

Engineered for relentless performance, the Thinvent Neo H is the industrial-grade powerhouse built to thrive where it matters most. This is our most robust and capable Neo model, 100% designed and made in India for uncompromising reliability.

Built to Endure

- A solid steel chassis ensures superior durability in demanding environments, from factory floors to control rooms.
- Its fanless, efficient design delivers silent, maintenance-free operation with no moving parts to fail.
- Crafted to perform consistently within a wide range of industrial operating temperatures.

The Heart of Your Operation

- Tackle complex industrial control, automation, and monitoring tasks with robust processing power.

- Host critical applications, manage HMI interfaces, or act as a dedicated control node with steadfast reliability.
- Benefit from extensive connectivity with multiple display outputs and high-speed USB ports for peripherals and legacy equipment.

Simplify and Secure Your Infrastructure

- Arrives ready-to-run with a stable, secure Ubuntu Linux OS, minimising setup time and licensing complexity.
- The pure industrial focus, without integrated Wi-Fi, enhances network security and stability for sensitive systems.
- Its compact, rugged form factor saves vital space while integrating seamlessly into your existing setup.

Choose the industrial workhorse built for longevity. Choose the Neo H Mini PC.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	11th
Series	Celeron
Processor Brand	Intel
Processor Model	N5095A
Cores	4
Max Frequency	2.9 GHz
Cache	4 MB
Main Memory	16 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4
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NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	5 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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.58kg, 2.00kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE				
H-N5-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB	m256 = 256GB		
	m512 = 512GB	m1024 = 1TB		
	S32 = 32GB MLC	S128 = 128GB		
	S256 = 256GB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	D0S = DOS	W_OS = Without OS		
	11I = Windows 11 IoT	11P = Windows 11 Pro		
	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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