



Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: H-N5-8-M512-12_5-M-11O-0



Power that keeps the factory floor humming.

The Neo H Mini PC is the high-performance flagship of our bestselling Neo range, engineered for the toughest industrial roles. Whether you are running production line control, machine monitoring, or data acquisition in a demanding environment, this machine delivers dependable, responsive performance every single shift.

Built for the job

- Handles demanding industrial software without stuttering, thanks to a powerful quad-core processor and generous memory
- Plenty of fast storage for applications, logs, and historical data, so nothing slows you down
- Boots quickly and runs Windows 11 Professional smoothly, keeping your team working without delay

Connectivity that covers every corner

- A full suite of USB ports and gigabit Ethernet for attaching sensors, controllers, and peripherals
- Dual-band Wi-Fi for flexible placement, even where cabling is awkward
- Both HDMI and VGA outputs, so you can connect modern or legacy displays with ease

- Dedicated audio jacks for clear alerts and operator communication

Made to last

- Robust, powder-coated steel housing survives the bumps, vibrations, and knocks of an industrial setting
- Designed to run reliably across a wide operating temperature range, even in warm workshops
- Fanless operation? No – but brilliantly engineered airflow keeps things cool under pressure
- 100% designed and made in India, offering outstanding build quality and dependable support

The Thinvent promise

- A genuine alternative to aging office PCs that simply were not built for factory life
- A single, tidy unit that replaces bulky towers and saves valuable workspace
- Backed by certifications for safety and quality, giving you peace of mind

If your operations need a computer that keeps pace with production, the Neo H is the industrial workhorse you have been waiting for. It does the heavy lifting, so you can focus on what matters.

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	8 GB
SSD Storage	512 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Microsoft Windows 11 Professional
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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 m512 = 512GB m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB		
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS 11I = Windows 11 IoT 110 = Windows 11 Professional U = Ubuntu Linux		W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse		KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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