



Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 IoT

DB9 Serial

SKU: H-N5-32-M2048-12_5-M-11I-1S



Industrial computing, redefined for reliability.

Introducing the Neo H: Your robust partner for demanding environments. As our most powerful and rugged Mini PC, it is engineered in India to thrive where others falter. Forget about downtime; this is built to work.

Why the Neo H is your next industrial workhorse

- Built for endurance with a solid steel chassis, it shrugs off the rigours of factory floors and control rooms.
- Delivers dependable, high-performance computing for seamless operation of critical industrial software and control systems.
- Unmatched connectivity with legacy serial and modern ports ensures it integrates effortlessly with your existing machinery and networks.

- Ready to deploy out of the box with a professional-grade operating system, saving you valuable time and configuration hassle.
- Its compact, rugged design maximises reliability while minimising its footprint in space-constrained installations.

Ideal for demanding applications

From production line automation and digital signage to machine monitoring and point-of-sale systems, the Neo H provides the steadfast core your operations demand. Choose the industrial-grade computer that combines formidable power with unwavering resilience. Choose Thinvent.



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	32 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4
Serial Port	1 DB9 male RS232

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	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	1.58kg, 2.00kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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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	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S128 = 128GB	
	m2048 = 2TB	h1024 = 1TB HDD		
	S32T = 32GB			
	S256 = 256GB			
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11I = Windows 11 IoT	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ 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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