



Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

4GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: H-N5-4-M2048-12_5-M-11P-1S



Power through your toughest industrial tasks with silent efficiency.

Introducing the Thinvent® Neo H Mini PC

Engineered for endurance

- Built to thrive in demanding industrial environments, from factory floors to control rooms.
- Its solid steel construction ensures unwavering reliability where it matters most.
- Operates silently and reliably within a wide temperature range for continuous performance.

Unmatched connectivity for industrial integration

- Seamlessly connect to a vast array of legacy equipment and modern peripherals.

- The dedicated serial port simplifies integration with specialised machinery and sensors.
- Ample high-speed USB ports and dual-band WiFi provide flexible networking options.

Your ready-to-deploy industrial workhorse

- Arrives with Windows 11 Pro pre-installed for immediate productivity and robust security.
- Provides ample processing power for industrial control, automation, and monitoring applications.
- A proudly Indian-made solution, designed and built for durability and value.

Deploy a robust computing core that won't let you down. The Neo H is built to work.



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	4 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 Pro
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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		
	m2048 = 2TB	S32 = 32GB MLC		
	S128 = 128GB	S256 = 256GB		
	h1024 = 1TB HDD			
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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