



Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: H-N5-16-S128-12_5-M-U-0



Industrial computing, redefined for power and reliability.

The Thinvent® Neo H Mini PC: The High-Performance Workhorse

Transform demanding industrial environments with a robust, all-Indian-engineered computing core. Built for relentless 24/7 operation, the Neo H delivers dependable power where it matters most. Its solid steel construction ensures it stands up to the rigours of the factory floor, workshop, or control room.

- Experience robust processing for industrial control systems, data acquisition, and automation tasks without hesitation.

- Rely on extensive connectivity with multiple ports to interface seamlessly with a wide array of peripherals and legacy equipment.
- Deploy with confidence using the stable and secure Ubuntu Linux platform, ready for your specialised applications.
- Benefit from a design focused purely on industrial durability and performance, free from consumer-grade compromises.

Choose the powerhouse built to last. Choose Thinvent Neo H.

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

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