



Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 IoT

SKU: H-N5-16-S128-12_5-X-11I-0



Engineered for the relentless rhythm of industry: meet the Neo H.

Where rugged reliability meets serious computing power. As the high-performance heart of our bestselling Neo series, this industrial workhorse is built from the ground up for demanding environments. It's not just a computer; it's the dependable core for your critical control systems.

Built for the long haul

- Experience unwavering stability for industrial automation, machine control, and digital signage.

- Hosted in a solid, powder-coated steel chassis for superior durability and heat dissipation.
- Benefit from a wealth of connectivity with multiple USB 3.0 and legacy ports for seamless integration.
- Deploy with absolute confidence, backed by robust Indian design and manufacturing.

The Neo H delivers steadfast performance where it matters most. It's the robust, reliable foundation your industrial applications deserve.



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
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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	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	S128 = 128GB		
	S32 = 32GB MLC			
	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		
	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			

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251**R&D and Manufacturing**

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

