



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

No WiFi

Without OS

SKU: H-I5_13-32-M2048-12_5-X-W_OS-0



Unleash unyielding performance for the most demanding industrial environments.

Introducing the Thinvent® Neo H Mini PC, Intel® Core™ i5-1335U processor (10 core, up to 4.6 GHz, 12 MB cache), 4GB DDR4 RAM, 32GB MLC SSD, 12V 7A Adapter, No WiFi, Without OS – the high-performance evolution of our bestselling Neo series. This robust, 100% designed and made in India system is engineered as an industrial workhorse, perfect for control and similar critical applications.

Unrivalled Performance

- Experience blazing-fast processing with the Intel® Core™ i5-1335U processor, featuring 10 cores clocking up to 4.6 GHz and a substantial 12 MB cache.
- Coupled with 4GB DDR4 RAM and a durable 32GB MLC SSD, the Neo H ensures swift, reliable operation for your most intensive tasks.

Industrial Strength and Durability

- Built with a solid steel chassis (210mm × 202mm × 80mm) in a sleek black powder-coated finish, this Mini PC is designed to withstand harsh conditions.

- Operate confidently in temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

Comprehensive Connectivity

- 1 HDMI port
- 1 VGA port
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- 1000 Mbps Ethernet for critical wired network links
- 1 Speaker Out
- 1 Mic In

Power and Flexibility

- The Neo H is powered by a reliable 12V 7A adapter, with a 2-metre cable, accepting a wide 100~275V AC input.
- Shipped without an operating system and no WiFi, it offers ultimate flexibility for custom software deployments and secure wired setups, making it the ideal foundation for specialized industrial solutions.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE			
H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB) 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 11V = Windows 11 IoT Value 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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