



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

128GB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: H-I5_13-4-M128-12_5-M-W_OS-1S



Experience Unrivaled Industrial Performance: The Thinvent® Neo H Mini PC.

Unleash the full potential of your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This isn't just a mini PC; it's a robust industrial workhorse, meticulously 100% designed and made in India with a solid steel build, engineered for demanding industrial control and similar applications.

Power and Precision for Your Workflow

- Drive critical tasks with an Intel® Core™ i5-1335U processor, featuring 10 cores and a blistering 4.6 GHz max frequency for unparalleled speed and multitasking.
- Navigate complex applications effortlessly with 8GB of DDR4 RAM, ensuring smooth and responsive operation.
- Benefit from a 32GB MLC SSD for reliable, fast storage, backed by a generous 12 MB cache for quick data access.

Unmatched Connectivity and Control

- Integrate seamlessly into industrial setups with a dedicated DB9 male RS232 serial port, essential for precision communication.

- Expand your setup with 2x USB 3.2 and 2x USB 2.0 ports for diverse peripherals.
- Enjoy versatile display options via HDMI and VGA, alongside speaker out and mic in for comprehensive audio needs.
- Stay connected with high-speed 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for robust wired and wireless networking.

Built for Endurance

- Housed in a durable, powder-coated black steel chassis (210mm × 202mm × 80mm), this unit is built to withstand challenging environments.
- Operates reliably from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and safety.
- The 12V 7A adapter ensures stable power, with a wide 100~275V AC input for global compatibility.
- Offered without OS, providing the flexibility to integrate your preferred operating system or specialized industrial software.

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	4 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
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	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 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4 32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ 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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