



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: H-I5_13-16_16-M2048-12_7-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	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
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	7 Amps
Power Input	100~275 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	1.72kg, 2.13kg

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

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

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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