



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

SKU: H-I5_13-4-S256-12_5-M-W_OS-0



Thinvent® Neo H: The high-performance industrial workhorse, engineered for excellence.

Elevate your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our best-selling Neo model. As our largest and most robust offering, this 100% Designed and Made in India powerhouse combines unparalleled processing might with industrial-grade durability, making it perfect for demanding industrial control and similar critical applications.

Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1335U processor, featuring 10 cores, a blistering 4.6 GHz max frequency, and a 12 MB cache.
- Seamlessly run intensive applications and manage complex tasks with a massive 32GB DDR4 RAM.
- Benefit from rapid boot times and reliable data access thanks to the enduring 32GB MLC SSD, built for consistent performance.

Robust Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.
- Versatile display options include 1 HDMI and 1 VGA port.

- Connect all your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Integrated audio with 1 Speaker Out and 1 Mic In provides comprehensive multimedia support.

Built for the Toughest Environments

- Housed in a solid black steel chassis with a durable power coating, designed to withstand rigorous industrial conditions.
- Operates reliably across temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO standards for quality and compliance.
- Powered by a stable 12V 7A adapter with a wide 100~275V AC input, ensuring reliable operation with a 2-metre cable length.

Flexible Deployment

- This unit comes Without OS, offering you the freedom to install your preferred operating system or specialized industrial software for maximum customization.

Physical Specifications

- Dimensions: 210mm × 202mm × 80mm

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	256 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
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

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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

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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