



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5-12-16-M1024-12_5-M-11P-1S



Thinvent® Neo H: The Industrial Powerhouse – Unrivalled Performance, Unbreakable Reliability.

Unleash the ultimate industrial workhorse with the Thinvent® Neo H Mini PC. As the high-performance evolution of our bestselling Neo line, this is our largest and most robust model, meticulously engineered for demanding industrial control and similar applications. 100% designed and made in India, its solid steel construction ensures unparalleled durability.

Key Advantages

- Blazing-Fast Processing: Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz with 12 MB cache, experience seamless multitasking and powerful execution for critical operations.
- Optimized Performance: Equipped with 4GB DDR4 RAM and a rapid 32GB MLC SSD, ensuring quick boot times and responsive application handling in a compact footprint.
- Robust Connectivity: Integrate effortlessly with a comprehensive array of ports, including 2x USB 3.2, 2x USB 2.0, HDMI, VGA, Speaker Out, Mic In, Gigabit Ethernet, dual-band Wi-Fi 5 (802.11ac), and a crucial DB9 male RS232 serial port for legacy systems.
- Built for Endurance: Housed in durable, powder-coated black steel, the Neo H operates reliably from 0°C to 40°C and 20% to 80% RH. Certified with BIS, RoHS, and ISO standards, it's engineered for continuous, demanding use.
- Professional OS: Comes pre-installed with Microsoft Windows 11 Pro, providing a secure and familiar environment for your industrial needs.

With its robust power input range (100~275V AC) and compact dimensions (210mm × 202mm × 80mm), the Thinvent® Neo H is your go-to solution for high-performance, long-lasting industrial computing.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	1024 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	1.73kg, 2.14kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_12-[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 Keyboardwww.thinvent.insales@thinvent.in

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