



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

Without OS

SKU: H-I5_12-8_8-S256-12_7-X-W_OS-0



Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC: Your Ultimate Industrial Workhorse, proudly designed and made in India. This is the high-performance evolution of our bestselling Neo model, engineered for demanding industrial control and similar applications.

Processor Powerhouse

Experience unparalleled performance with the Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz with a 12 MB cache. This configuration ensures lightning-fast multitasking and effortless handling of complex operations.

Robust Memory and Storage

Equipped with 8GB of DDR4 RAM for seamless application switching and a spacious 512GB SSD for rapid data access and storage.

Extensive Connectivity

Connect all your peripherals with ease. Features include

- 1 HDMI port
- 1 VGA port
- 1 Speaker Out

- 1 Mic In
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- 1000 Mbps Ethernet for reliable network connections

Built for Durability

Crafted with a solid steel housing in a sleek black powder-coated finish, the Neo H Mini PC is built to withstand tough environments. Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings.

Reliable Power and Operation

Includes a 12V 7A adapter with a 2-meter cable, compatible with 100~275 Volts AC power input. Operates reliably in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.

Certifications and Flexibility

BIS, RoHS, and ISO certified for quality assurance. Supplied without an operating system, giving you the flexibility to install your preferred software.



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	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
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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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	Without OS
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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 Keyboard

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