



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I3-12-8-8-M512-12_5-X-11P-KM



Unleash Industrial Powerhouse Performance: The Thinvent® Neo H Mini PC.

Experience the pinnacle of compact computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Designed and manufactured in India with a robust steel housing, this industrial workhorse is engineered to tackle demanding tasks with unwavering reliability.

Engineered for Excellence

- Processor: Powered by an Intel® Core™ i3-1215U processor featuring 6 cores and a max frequency of 4.4 GHz with 10 MB cache, delivering exceptional processing power for complex applications.
- Memory & Storage: Multitask seamlessly with 16GB DDR4 RAM and benefit from rapid boot-ups and quick data access with the 32GB MLC SSD.
- Connectivity Suite: A comprehensive array of ports ensures versatile connectivity for all your peripherals and industrial control needs.
- Display Options: Integrated HDMI and VGA ports offer flexible display connectivity.
- Audio: Dedicated Speaker Out and Mic In for integrated audio solutions.
- High-Speed Networking: Equipped with a 1000 Mbps Ethernet port for reliable, fast network connections.

Built for the Toughest Environments



- Durable Construction: The solid steel housing with a black powder coating is built to withstand the rigors of industrial use.
- Reliable Power: Includes a 12V 7A adapter for consistent and stable power delivery.
- Global Compatibility: The 100~275 Volts AC power input ensures seamless operation worldwide.
- Optimized for Performance: Designed to operate efficiently within a 0°C ~ 40°C temperature range and 20% ~ 80% RH humidity.
- Certifications: BIS, RoHS, and ISO certified for quality and compliance.

Included Accessories

- Bundled with a Thinvent® Keyboard and Mouse set for immediate productivity.
- Comes pre-loaded with Microsoft Windows 11 Pro, offering a secure and efficient operating system.

Dimensions: Compact at 210mm x 202mm x 80mm, making it ideal for space-constrained environments.

Choose the Thinvent® Neo H Mini PC for unparalleled performance, rugged reliability, and comprehensive connectivity, making it the perfect solution for industrial control and demanding professional applications.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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	2.21kg, 2.63kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i3_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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