



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I3_12-16_16-M512-12_7-X-W_OS-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

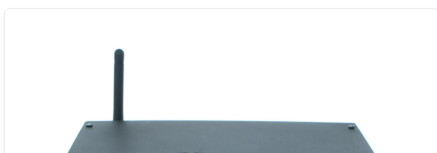
Experience unparalleled performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this is our largest Mini PC yet, packed with a formidable Intel® Core™ i3-1215U processor featuring 6 cores that reach up to 4.4 GHz with a 10 MB cache, ensuring robust multitasking and demanding application handling. Paired with 8GB DDR4 RAM and a lightning-fast 1TB SSD, your workflows will be smoother and faster than ever.

Designed for demanding environments, the Neo H boasts a durable steel housing with a sleek black powder coating, measuring a compact 210mm × 202mm × 80mm. Connectivity is paramount, with a rich array of ports including 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, and a 1000 Mbps Ethernet port for reliable networking. Essential audio jacks for speaker out and mic in are also included.

This powerhouse comes with a 12V 7A adapter and a 2-meter power cable, designed to operate reliably between 0°C and 40°C. For your convenience, a Thinvent® Keyboard and Mouse set is included. Please note, this model does not include WiFi or an operating system, offering you the flexibility to customize your setup. Certified with BIS, RoHS, and ISO standards, and 100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and beyond.

Key Specifications

- Processor: Intel® Core™ i3-1215U
- Cores: 6
- Max Frequency: 4.4 GHz
- Cache: 10 MB
- Main Memory: 8 GB DDR4
- SSD Storage: 1024 GB
- HDMI: 1
- VGA: 1
- Speaker Out: 1
- Mic In: 1
- USB 3.2: 2
- USB 2.0: 2
- Ethernet: 1000 Mbps
- Power Adapter: 12V 7A
- Power Input: 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
- Cable Length: 2 Metre
- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing
- Certifications: BIS, RoHS, ISO
- Dimensions: 210mm × 202mm × 80mm
- Housing Material: Steel
- Housing Finish: Power Coating
- Housing Colour: Black
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Operating System: Without OS





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	32 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	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	2.31kg, 2.73kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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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