



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

256GB SSD

No WiFi

Ubuntu Linux

SKU: H-I3_12-32_32-S256-12_5-X-U-0



Thinvent® Neo H Mini PC: Unyielding Performance for India's Toughest Demands.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This is our largest, most powerful industrial workhorse, meticulously designed and 100% made in India for demanding applications like industrial control. Its solid steel build ensures unwavering reliability where it matters most.

Unmatched Processing Power

- Experience superior performance with the Intel® Core™ i3-1215U processor, featuring 6 cores, speeds up to 4.4 GHz, and a 10 MB cache.
- Seamlessly multitask with a generous 16GB DDR4 RAM.
- Achieve lightning-fast boot-ups and rapid application loading from the 128GB SSD.
- Benefit from the robust, secure, and long-term stable Ubuntu Linux 24.04 LTS operating system.

Industrial Connectivity and Resilient Design

- Access a comprehensive suite of connectivity: 2x USB 3.2, 2x USB 2.0, HDMI, VGA for dual displays, Speaker Out, and Mic In.
- Ensure mission-critical data flow with a reliable Gigabit Ethernet (1000 Mbps) connection, purpose-built for wired, secure environments that exclude WiFi.
- Power it reliably with a 12V 7A adapter, capable of operating on a wide 100~275 Volts AC input.
- Designed to thrive in tough conditions, operating between 0°C and 40°C with 20% to 80% RH non-condensing humidity.
- Housed in a durable, black powder-coated steel chassis (210mm x 202mm x 80mm) for exceptional longevity.
- Peace of mind comes with BIS, RoHS, and ISO certifications, affirming its quality and safety.

Empower your operations with the Thinvent® Neo H Mini PC – where raw power meets industrial-grade reliability, proudly made for India.



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	64 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
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	1.69kg, 2.11kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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

Thinix = Thinix™ 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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