

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_12-32-M1024-12_5-X-U-KM



Thinvent® Neo H Mini PC: Your Industrial Powerhouse, Made in India.

Unleash unparalleled productivity with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and designed with meticulous attention to detail, this robust machine is your ultimate workhorse.

Powerful Performance

- Featuring a cutting-edge Intel® Core™ i3-1215U processor with 6 cores and a boost clock of up to 4.4 GHz, coupled with 10 MB of cache, the Neo H delivers exceptional speed and responsiveness for complex tasks.
- Experience smooth multitasking and efficient operation with 4GB DDR4 RAM.
- Swift boot times and rapid data access are guaranteed by the 128GB SSD.

Versatile Connectivity

- This industrial workhorse boasts a comprehensive array of ports for all your peripheral needs.
- Enjoy crystal-clear visuals on compatible displays with 1 HDMI and 1 VGA output.
- Connect your audio devices with 1 Speaker Out and 1 Mic In.
- Effortlessly connect your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.

- Experience lightning-fast wired networking with 1000 Mbps Ethernet.

Built for Durability

- Encased in a solid steel housing with a durable black powder coating, the Neo H is built to withstand the rigors of industrial environments.
- Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings.

Seamless Operation

- Pre-loaded with Ubuntu Linux 24.04 LTS, the Neo H offers a stable and secure operating system tailored for professional use.
- The included Thinvent® Keyboard and Mouse set ensures an immediate and comfortable user experience.

Reliable Power and Specifications

- Powered by a 12V 7A adapter, with a versatile 100~275 Volts AC input.
- Designed to operate in demanding conditions with an operating temperature range of 0°C ~ 40°C.
- Certified for quality and safety with BIS, RoHS, and ISO certifications.

This is more than just a mini PC; it's a testament to Indian engineering excellence, built to power your industrial future.



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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	1024 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	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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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