



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I3_12-64-M128-12_5-M-11P-KM



Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this powerhouse boasts a robust Intel® Core™ i3-1215U processor, delivering exceptional speed with its 6 cores and a maximum frequency of 4.4 GHz. Experience seamless multitasking and swift data access thanks to 4GB DDR4 RAM and a lightning-fast 512GB SSD.

Built for Reliability

This isn't just a mini PC; it's an industrial workhorse. Its solid steel housing, finished in sleek black, ensures durability and longevity in any environment.

Connectivity Hub

The Neo H Mini PC offers unparalleled connectivity for your industrial control needs.

- Seamless integration with dual-band Wi-Fi.
- Multiple display options with HDMI and VGA ports.
- Comprehensive peripheral support with 2x USB 3.2 and 2x USB 2.0 ports.
- High-speed 1000 Mbps Ethernet for stable network connections.

- Dedicated speaker out and mic in for audio versatility.

Designed for India

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC represents innovation and quality manufacturing.

Effortless Operation

Comes pre-loaded with Microsoft Windows 11 Pro for a secure and productive user experience. A Thinvent® keyboard and mouse set are included, providing a complete, ready-to-go solution.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 512 GB SSD
- Power: 12V 7A Adapter (100~275 Volts AC input)
- Wireless: Dual Band Wi-Fi
- Operating System: Windows 11 Pro
- Included Accessories: Keyboard and Mouse set
- Dimensions: 210mm × 202mm × 80mm

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	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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 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 Thinix = Thinix™ 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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