



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I3_12-4-M512-12_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 | 4 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 |
| 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 |
|--------------------|---|

OPERATING SYSTEM

| | |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

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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