

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_12-64-M512-12_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.



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 | 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 |
|----------|-----------|

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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

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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