



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

8GB DDR4 RAM

1TB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I3_12-8-M1024-12_5-X-DOS-KM



Unleash Industrial Powerhouse Performance

Experience the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This isn't just a compact computer; it's an industrial workhorse engineered for demanding applications.

Engineered for Excellence

Powered by an Intel® Core™ i3-1215U processor, boasting 6 cores that reach up to 4.4 GHz with a 10 MB cache, the Neo H delivers exceptional processing speed for complex tasks. Paired with 8GB DDR4 RAM and a speedy 256GB SSD, enjoy seamless multitasking and rapid data access, significantly boosting your productivity.

Robust Connectivity for Any Environment

This Mini PC is designed for comprehensive connectivity, featuring 1 HDMI and 1 VGA port for versatile display options, alongside 2 USB 3.2 and 2 USB 2.0 ports for all your peripherals. A 1000 Mbps Ethernet port ensures stable, high-speed network connections, crucial for industrial control systems.

Built to Last

Crafted with a solid steel housing finished in a sleek black power coating, the Neo H is as durable as it is powerful. Its compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained industrial settings.

Complete Solution Included

Your Thinvent® Neo H comes with a 12V 7A adapter, a 2-meter power cable, and a Thinvent® Keyboard and Mouse set, all ready for immediate deployment. Pre-loaded with FreeDOS, it provides a flexible operating system for your specific software needs.

Designed and Made in India, meeting BIS, RoHS, and ISO certifications, the Neo H represents the pinnacle of Indian engineering for industrial applications.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 8GB DDR4 RAM
- Storage: 256GB SSD
- Connectivity: 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Power: 12V 7A Adapter, 100~275 Volts AC input
- Operating System: FreeDOS
- Build: Solid Steel Housing, Black Finish
- Included Peripherals: Thinvent® Keyboard and Mouse set



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 | 8 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 |
|----------|-----------|

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 | FreeDOS |
|------------------|---------|

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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