



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: H-I3_13-16-M256-12_5-M-W_OS-1S



Thinvent Neo H: Your High-Performance Industrial Command Center.

Experience unparalleled power and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. As our largest and most robust offering, this industrial workhorse is 100% designed and made in India, engineered for demanding applications like industrial control. Its solid steel build ensures longevity and dependable operation.

Core Performance

- Driven by an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and boasting a 10 MB cache, the Neo H delivers exceptional processing power.
- Tackle intensive tasks with ease, supported by 4GB DDR4 RAM for swift multitasking and a spacious 512GB SSD for lightning-fast data access and storage.

Unrivaled Connectivity

- This powerhouse features a comprehensive array of ports, including 1 HDMI and 1 VGA for display versatility.
- Benefit from 2 USB 3.2 and 2 USB 2.0 ports for modern peripherals.

- Crucially, it includes a DB9 male RS232 serial port, indispensable for legacy industrial equipment.
- Stay connected with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for robust wireless networking.
- Audio needs are met with a Speaker Out and Mic In.

Built for Endurance

- Housed in a solid steel chassis with a durable black power coating, the Neo H is built to withstand rigorous industrial environments.
- Designed for reliable operation in temperatures from 0°C to 40°C, it meets BIS, RoHS, and ISO certifications for quality and safety.
- Its compact dimensions (210mm × 202mm × 80mm) belie its powerful capabilities.

Customizable Flexibility

- Delivered without an operating system, the Neo H offers complete flexibility to install your preferred OS, tailored precisely to your application's needs.

Thinvent Neo H Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 16 GB |
| SSD Storage | 256 GB |

DISPLAY

| | |
|------|---|
| HDMI | 1 |
| VGA | 1 |

AUDIO

| | |
|-------------|---|
| Speaker Out | 1 |
| Mic In | 1 |

CONNECTIVITY

| | |
|-------------|------------------|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| Serial Port | 1 DB9 male RS232 |

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 | 1.62kg, 2.04kg |

OPERATING SYSTEM

| | |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

Ordering Information

| PRODUCT CODE | |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H-i3_13-[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 |

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
 #11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
 UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

