



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

No WiFi

DOS

DB9 Serial

SKU: H-I5_13-4-M256-12_5-X-DOS-1S



Unleash Unrivaled Industrial Power: Introducing the Thinvent® Neo H Mini PC.

The High Performance version of our bestselling Neo model, this is your ultimate industrial workhorse. Engineered and 100% Made in India, the Neo H boasts a robust solid steel build with a black powder coating, designed for relentless reliability in demanding environments. It's our largest product, meticulously configured to deliver exceptional processing power and extensive connectivity.

Power and Performance

- Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache
- 16GB DDR4 RAM for seamless multitasking
- 256GB SSD for rapid boot-ups and application loading

This powerful combination effortlessly handles complex tasks, making it ideal for industrial control and similar high-demand applications.



Connectivity and Durability

- Comprehensive port selection: 1 DB9 male RS232 Serial Port for legacy industrial equipment, 1000 Mbps Ethernet for reliable network communication, 2 USB 3.2 ports, 2 USB 2.0 ports, 1 HDMI, 1 VGA, Speaker Out, and Mic In.
- Wide operating temperature: 0°C ~ 40°C
- Wide operating humidity: 20% ~ 80% RH, non condensing
- Stable 12V 7A DC power input from a 100~275V AC adapter with a 2-metre cable
- Compact dimensions: 210mm × 202mm × 80mm

Equipped with FreeDOS, the Neo H offers a flexible platform for your specialized software. Certified with BIS, RoHS, and ISO, you can trust in its quality and compliance. Power your operations with Thinvent® Neo H – where raw power meets unwavering reliability.

Thinvent Neo H Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1335U |
| Cores | 10 |
| Max Frequency | 4.6 GHz |
| Cache | 12 MB |
| Main Memory | 4 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 |
|----------|-----------|

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

Ordering Information

| PRODUCT CODE | | | |
|---|---|---------------------|--|
| H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | | | |
| RAM | 4 = 4GB DDR4 64 = 64GB DDR4 | 8 = 8GB DDR4 | 16 = 16GB DDR4 32 = 32GB DDR4 |
| SSD | m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB | | m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB |
| Wireless | m = Dual Band WiFi | | X = No WiFi |
| OS | DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux | | W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux |
| Accessories | 0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse | | KM = Keyboard and Mouse set MK = Mechanical Keyboard |

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

