

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux

SKU: H-I5_13-4-M1024-12_5-X-U-0



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the high-performance evolution of our bestselling Neo series with the Thinvent® Neo H Mini PC. Our largest and most robust model, this industrial workhorse is 100% designed and made in India, engineered for demanding industrial control and similar applications. Its solid steel build ensures unparalleled durability in challenging environments.

Unmatched Performance

- At its core is the Intel® Core™ i5-1335U processor, featuring 10 cores and reaching speeds up to 4.6 GHz with a 12 MB cache, delivering blazing-fast performance for complex tasks.
- Multitask effortlessly with 16GB DDR4 RAM, ensuring smooth operation even under heavy workloads.
- Experience lightning-fast boot times and rapid application loading thanks to the spacious 512GB SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable, secure, and open-source platform optimized for industrial reliability.

Robust Connectivity & Design

- Power your dual display setups with dedicated HDMI and VGA outputs.

- Connect a wide array of peripherals with two USB 3.2 and two USB 2.0 ports.
- Ensure stable, high-speed wired networking with 1000 Mbps Ethernet – designed without WiFi for enhanced security and reliability in critical operations.
- Audio input and output are available via Mic In and Speaker Out ports.
- Powered by a durable 12V 7A adapter with wide 100~275 Volts AC input compatibility and a 2-metre cable length.

Built for Durability

- Housed in a resilient black, powder-coated steel chassis, measuring 210mm x 202mm x 80mm, this unit is built to withstand rigorous use.
- Operates reliably across a temperature range of 0°C ~ 40°C and humidity of 20% ~ 80% RH (non-condensing).
- Certified for quality and compliance with BIS, RoHS, and ISO standards.

The Thinvent® Neo H Mini PC combines raw power, extensive connectivity, and industrial-grade reliability in a compact, Made-in-India package.



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 | 1024 GB |

DISPLAY

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

AUDIO

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

CONNECTIVITY

| | |
|---------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |

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

Ordering Information

| PRODUCT CODE | |
|---|--|
| H-i5_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 |

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