



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM

128GB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: H-I5_13-64-M128-12_5-M-W_OS-1S



Experience Unrivaled Industrial Performance: The Thinvent® Neo H Mini PC.

Unleash the full potential of your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This isn't just a mini PC; it's a robust industrial workhorse, meticulously 100% designed and made in India with a solid steel build, engineered for demanding industrial control and similar applications.

Power and Precision for Your Workflow

- Drive critical tasks with an Intel® Core™ i5-1335U processor, featuring 10 cores and a blistering 4.6 GHz max frequency for unparalleled speed and multitasking.
- Navigate complex applications effortlessly with 8GB of DDR4 RAM, ensuring smooth and responsive operation.
- Benefit from a 32GB MLC SSD for reliable, fast storage, backed by a generous 12 MB cache for quick data access.

Unmatched Connectivity and Control

- Integrate seamlessly into industrial setups with a dedicated DB9 male RS232 serial port, essential for precision communication.

- Expand your setup with 2x USB 3.2 and 2x USB 2.0 ports for diverse peripherals.
- Enjoy versatile display options via HDMI and VGA, alongside speaker out and mic in for comprehensive audio needs.
- Stay connected with high-speed 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for robust wired and wireless networking.

Built for Endurance

- Housed in a durable, powder-coated black steel chassis (210mm × 202mm × 80mm), this unit is built to withstand challenging environments.
- Operates reliably from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and safety.
- The 12V 7A adapter ensures stable power, with a wide 100~275V AC input for global compatibility.
- Offered without OS, providing the flexibility to integrate your preferred operating system or specialized industrial software.

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 | 64 GB |
| SSD Storage | 128 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-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | | | |
| RAM | 4 = 4GB DDR4 | 8 = 8GB DDR4 | 16 = 16GB DDR4 |
| | 64 = 64GB DDR4 | | 32 = 32GB 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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