



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_14-16-M128-12_5-M-11P-KM



Unleash Industrial Power: The Reinvented Workhorse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model, meticulously designed and crafted in India. This isn't just a mini PC; it's an industrial workhorse built to tackle demanding tasks. Experience unparalleled processing power with the Intel® Core™ 5 120U processor, featuring 10 cores that reach up to 5.0 GHz and a 12 MB cache for lightning-fast operations.

Designed for resilience and reliability, the Neo H boasts a robust steel housing with a durable black powder coating. Its generous connectivity options make it the ideal solution for industrial control and similar applications. Drive multiple displays effortlessly with 2 HDMI ports and 1 VGA port. Connect all your peripherals with 2 USB 3.0 and 2 USB 2.0 ports, and enjoy seamless networking with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)

- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- Connectivity: 2 USB 3.0, 2 USB 2.0, 1000 Mbps Ethernet, Wi-Fi 5 (802.11ac) Dual Band
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Microsoft Windows 11 Pro
- Included Accessories: Thinvent® Keyboard and Mouse set

Built to last in demanding environments, the Thinvent® Neo H Mini PC operates flawlessly between 0°C and 40°C with 20% ~ 80% RH humidity. Certified for BIS, RoHS, and ISO, this 100% Indian-made marvel delivers exceptional performance and robust connectivity for your critical applications. Its compact dimensions (210mm × 202mm × 80mm) and solid steel construction ensure it's ready for any challenge.

Thinvent Neo H Mini PC



Specifications

PROCESSING

| | |
|-----------------|--------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 16 GB |
| SSD Storage | 128 GB |

DISPLAY

| | |
|------|---|
| HDMI | 2 |
| VGA | 1 |

AUDIO

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

CONNECTIVITY

| | |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

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 | 1.85kg, 2.27kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

| | |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

Ordering Information

| PRODUCT CODE | | | |
|---|--|---------------------|------------------------------------|
| H-i5_14-[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 |
| | 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 | | |

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

