

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-I5_14-32-M256-12_5-M-11P-0



Command unrivaled power in a compact industrial form factor.

Introducing the Thinvent® Neo H Mini PC

The High Performance version of our bestselling Neo model, engineered to be an industrial workhorse. This is our largest product, combining powerful CPU and RAM configurations with a host of connectivity options, perfect for industrial control and similar demanding applications. Proudly 100% designed and made in India, its solid steel build ensures unparalleled durability.

Experience uncompromising performance

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores that surge up to 5.0 GHz with 12 MB cache for exceptional speed and multitasking.
- 4GB DDR4 RAM ensures smooth operation, while the 128GB SSD delivers lightning-fast boot-ups and application loading.
- Pre-installed with Windows 11 Pro, offering enhanced security and productivity for professional environments.

Unmatched connectivity and reliability

- Triple display support with 2x HDMI and 1x VGA ports for versatile display setups.
- Ample peripheral connections with 2x USB 3.0 and 2x USB 2.0, plus dedicated Speaker Out and Mic In ports.
- Fast, stable networking via 1000 Mbps Ethernet and dual band Wi-Fi 5 (802.11ac).
- Built tough: Its robust steel housing with power coating in black is designed to withstand operating temperatures from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO for guaranteed quality and compliance, making it a reliable choice for your critical operations.

Powering your operations reliably with its included 12V 7A adapter, this compact powerhouse measures 210mm × 202mm × 80mm and is 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 | 32 GB |
| SSD Storage | 256 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 | 1.33kg, 1.75kg |

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 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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