

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

No WiFi

DOS

SKU: H-I5_12-4-M1024-12_5-X-DOS-0



Thinvent® Neo H: The undisputed powerhouse for industrial precision.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This isn't just a computer; it's an industrial workhorse, engineered and manufactured 100% in India with a solid steel build to conquer the most demanding applications. Designed specifically for industrial control and similar rigorous environments, the Neo H delivers unwavering reliability and raw power where it matters most.

Unleash Unrivaled Performance

- Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz with a 12 MB cache, the Neo H handles complex computations and multi-threaded tasks with ease.
- Experience seamless multitasking and rapid data access with a generous 16GB DDR4 RAM.
- Store critical applications and vast datasets on the lightning-fast 1TB SSD, ensuring quick boot-ups and responsive operations.

Robust Connectivity & Durability

- Connect effortlessly with a versatile array of ports, including 2x USB 3.2, 2x USB 2.0, 1x HDMI, 1x VGA, and gigabit Ethernet for stable network communication.
- Audio needs are covered with dedicated speaker out and mic in ports.
- Its powder-coated black steel housing (210mm x 202mm x 80mm) provides exceptional protection in challenging conditions, operating reliably from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO standards, the Neo H guarantees quality and compliance.

Designed for Purpose

- The included 12V 7A adapter ensures stable power delivery (100~275V AC input).
- Pre-installed with FreeDOS, it offers a clean slate for your specialized industrial software, focusing on dedicated application deployment without bloat.
- No WiFi ensures a secure, stable, wired-only environment, crucial for many industrial settings.

Choose the Thinvent® Neo H for a powerful, reliable, and purpose-built solution that drives your industrial operations forward.



Thinvent Neo H Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1240P |
| Cores | 12 |
| Max Frequency | 4.4 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 | 1.73kg, 2.14kg |

OPERATING SYSTEM

| | |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

Ordering Information

| PRODUCT CODE | |
|---|--|
| H-i5_12-[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 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

