# Thinvent Neo H Mini PC

**Intel Core i5-1240P processor**

**12 core, up to 4.4 GHz, 12 MB cache**

**Dual LAN**

**32GB DDR4 RAM (2 x 16GB)**

**128GB SSD**

**Dual Band WiFi**

**Ubuntu Linux**

SKU: H-I5_12L-16_16-M128-12_10-M-U-0

Unleash formidable industrial computing power in a compact, rugged package.

**Introducing the Thinvent Neo H Mini PC**

Engineered as the high-performance variant of our bestselling Neo series, this is our largest and most robust industrial workhorse. It delivers the reliable, substantial processing muscle needed to drive complex control systems and demanding applications without faltering.

**Built for the toughest environments**

- Experience unwavering reliability with a solid steel chassis, designed to withstand rigorous daily use.
- Benefit from exceptional connectivity with dual LAN ports, ensuring seamless network integration and redundancy.
- Deploy with confidence knowing it is 100% designed and made in India, built to meet rigorous industrial standards.
- Enjoy the stability and security of a pre-installed, open-source operating system, ready for your specialised software.

Ideal for mission-critical industrial control, digital signage, and automation, the Neo H is the steadfast core for your operational technology. It's not just a computer; it's a durable foundation for innovation and efficiency.

# 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 | 32 GB |
| SSD Storage | 128 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

| | |
|---|---|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

| | |
|---|---|
| DC Voltage | 12 Volts |
| DC Current | 10 Amps |
| Power Input | 100~275 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 | 1.82kg, 2.24kg |

### OPERATING SYSTEM

| | |
|---|---|
| Operating System | Ubuntu Linux 24.04 LTS |

# Thinvent Neo H Mini PC

## Ordering Information

PRODUCT CODE

`H-i5_12l-[RAM]-[SSD]-12_10-[Wireless]-[OS]-[Accessories]`

| | | | | |
|---|---|---|---|---|
| RAM | **4** = 4GB DDR4 | **8** = 8GB DDR4 | **16** = 16GB DDR4 | **32** = 32GB DDR4 |
| | **32_32** = 64GB DDR4 RAM (2 x 32GB) | **16_16** = 32GB DDR4 RAM (2 x 16GB) | **8_8** = 16GB DDR4 RAM (2 x 8GB) | |
| SSD | **m128** = 128GB | | **m256** = 256GB | |
| | **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