

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5_13-8-M128-12_5-X-11P-1S



Unleash Industrial Power: The Neo H Mini PC – Robust Performance, Redefined.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line. As our largest and most powerful system, this industrial workhorse is 100% designed and made in India, featuring a solid steel build engineered for relentless operation in demanding environments.

Unmatched Performance for Critical Tasks

- Experience blazing speed with the Intel® Core™ i5-1335U processor, boasting 10 cores and clocking up to 4.6 GHz with a 12 MB cache.
- Multitask seamlessly and run intensive applications with 16GB DDR4 RAM.
- Benefit from rapid boot-ups and swift data access with a 128GB SSD.

Unrivalled Connectivity for Industrial Control

- This powerhouse is purpose-built for industrial control and similar applications, offering a comprehensive suite of ports.
- Critical DB9 male RS232 Serial port for legacy systems and specialized equipment.

- Expand your setup with 2x USB 3.2 and 2x USB 2.0 ports.
- Connect displays via HDMI and VGA.
- Ensure stable network communication with 1000 Mbps Ethernet – no WiFi for enhanced wired reliability.
- Dedicated Speaker Out and Mic In ports.

Built Tough, Designed to Last

- Encased in a durable, black powder-coated steel housing (210mm × 202mm × 80mm).
- Certified for reliability with BIS, RoHS, and ISO standards.
- Operates flawlessly from 0°C to 40°C, with 20% to 80% non-condensing humidity.
- Powered by a robust 12V 7A adapter with a wide 100~275V AC input, ensuring stable power delivery through a 2-metre cable.

Advanced Operating System

- Pre-installed with Microsoft Windows 11 Pro, offering enhanced security, productivity, and management features for professional use.



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 | 8 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 |
|----------|-----------|

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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

Ordering Information

| PRODUCT CODE | | | |
|---|---|---------------------|--|
| H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | | | |
| RAM | 4 = 4GB DDR4 64 = 64GB DDR4 | 8 = 8GB DDR4 | 16 = 16GB DDR4 32 = 32GB DDR4 |
| SSD | m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB | | m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB |
| Wireless | m = Dual Band WiFi | | X = No WiFi |
| OS | DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux | | W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux |
| Accessories | 0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse | | KM = Keyboard and Mouse set MK = Mechanical Keyboard |

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