

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

1TB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_14-64-M1024-12_5-X-DOS-KM



Unleash Unrivaled Performance: The Industrial Powerhouse Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built for relentless reliability, this is our most robust Mini PC yet, boasting a powerhouse Intel® Core™ 5 120U processor and an expansive 64GB of DDR4 RAM. Experience desktop-grade power in an ultra-compact, steel chassis designed for the toughest environments.

Key Benefits

- Blazing-Fast Processing: Conquer complex tasks with a 10-core processor, reaching speeds of up to 5.0 GHz, complemented by a 12 MB cache for seamless multitasking.
- Massive Memory & Storage: Effortlessly handle large datasets and applications with 64GB of DDR4 RAM and a lightning-quick 1TB SSD for rapid data access.
- Versatile Connectivity: Connect to any display with 2 HDMI ports and 1 VGA port. Integrated audio and microphone jacks, 4 USB ports (2x USB 3.0, 2x USB 2.0), and a robust 1000 Mbps Ethernet port ensure all your peripherals and network needs are met.

Built to Last: The heavy-duty steel housing, finished in a durable black powder coating, is designed for longevity in industrial settings.

- Ready for Work: Comes pre-loaded with FreeDOS, allowing you to install your preferred operating system. Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Designed and Made in India: Experience the quality and innovation of 100% Indian design and manufacturing.

Specifications

- Processor: Intel® Core™ 5 120U (10 core, up to 5.0 GHz, 12 MB cache)
- RAM: 64GB DDR4
- Storage: 1TB SSD
- Power Adapter: 12V 7A
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 2x USB 3.0, 2x USB 2.0
- Ethernet: 1000 Mbps
- Power Input: 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
- Operating Environment: 0°C ~ 40°C, 20% ~ 80% RH non-condensing
- Certifications: BIS, RoHS, ISO
- Dimensions: 210mm x 202mm x 80mm
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Operating System: FreeDOS



thinvent



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 | 64 GB |
| SSD Storage | 1024 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 |
|----------|-----------|

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 | FreeDOS |
|------------------|---------|

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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