



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I3_12L-4-M512-12_5-X-DOS-KM



Power Your Industry, Secure Your Data. Built for the toughest demands.

Introducing the Thinvent® Neo H Mini PC

The high-performance evolution of our bestselling Neo, designed to be an industrial workhorse. As our largest and most robust mini PC, it delivers exceptional reliability for critical control and automation tasks. Proudly 100% designed and made in India, it combines formidable power with unwavering durability in a solid steel chassis.

Ideal for demanding environments

- A trusted partner for industrial control systems, machine automation, and digital signage.

- Dual Ethernet ports ensure robust, wired network connectivity for seamless data transfer.
- Its compact, rugged design saves valuable space while withstanding challenging conditions.
- Comes ready to work with a complete keyboard and mouse set for immediate deployment.

Choose the Neo H for relentless, dependable computing where performance and resilience are non-negotiable.



Thinvent Neo H Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 4 GB |
| SSD Storage | 512 GB |

DISPLAY

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

AUDIO

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

CONNECTIVITY

| | |
|--------------|---|
| USB 3.2 | 2 |
| RS485 Option | 1 |

NETWORKING

| | |
|----------------|-----------|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |

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 | 2.21kg, 2.63kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

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

Ordering Information

PRODUCT CODE

H-i3_12l-[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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