



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M512-12_5-X-
THINUX-KM



Experience Unrivalled Performance: The Thinvent® Neo H Mini PC

Unleash industrial power with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Crafted for demanding industrial control and similar applications, this is an industrial workhorse built to last. 100% designed and made in India, its robust steel housing with a sleek black powder coating ensures durability and a professional aesthetic.

Key Specifications

- Processor: Intel® Core™ i5-1250P (12 Cores, up to 4.4 GHz, 12 MB Cache) for exceptional multitasking and speed.
- Memory: 8GB DDR4 RAM for smooth operation of applications.
- Storage: 128GB SSD for fast boot times and quick data access.
- Operating System: Thinvent® Thinux™ Embedded Linux, optimized for reliability and efficiency.
- Connectivity: A comprehensive array of ports including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, and a high-speed 1000 Mbps Ethernet port, ensuring maximum compatibility.
- Power: Efficient 12V 7A adapter for stable operation.

- Included Accessories: Comes complete with a Thinvent® Keyboard and Mouse set.

Thinux™ OS Features

- Enhanced productivity with Chromium and Mozilla Firefox browsers.
- Seamless remote access via RDP 10, Putty, and SSH.
- Browser-based remote management and VNC shadowing for easy administration.
- Support for Java, Python, and glibc based location applications.
- Office productivity with LibreOffice and PDF viewer.
- Multimedia playback with MPEG4 support.
- Advanced communication with SIP video and voice over IP.

Designed for challenging environments, the Neo H operates reliably between 0°C and 40°C with 20% to 80% humidity (non-condensing). Its substantial dimensions (210mm x 202mm x 80mm) house serious computing power within a compact footprint. Backed by BIS, RoHS, and ISO certifications, this Mini PC represents the pinnacle of Indian engineering and industrial-grade computing.



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	512 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
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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	2.24kg, 2.66kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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

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

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ 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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