Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

1TB HDD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_14-32-H1024-12_7-M-THINUX-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the peak of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse boasts an Intel® Core™ 5 120U processor, featuring 10 cores that reach up to an incredible 5.0 GHz with a 12 MB cache. Coupled with 4GB DDR4 RAM and a lightning-fast 512GB SSD, the Neo H delivers exceptional speed and responsiveness for demanding applications.

Connectivity Hub

- Dual HDMI, one VGA, speaker out, mic in, and four USB ports (2x USB 3.0, 2x USB 2.0) ensure seamless integration with your peripherals.
- A 1000 Mbps Ethernet port provides reliable wired networking, while Dual Band WiFi (Wi-Fi 5, 802.11ac) offers flexible wireless connectivity.

Robust Design and Operating System

- Housed in a durable, black steel chassis with a power coating, the Neo H is built to withstand industrial environments.
- Powered by Thinux™ Embedded Linux, this system is optimized for efficiency and security, including Chromium and Mozilla Firefox browsers, advanced remote display capabilities (RDP 10, Putty, SSH), browser-based management, VNC shadowing, and support for Java, Python, and glibc location applications.
- Enjoy productivity with LibreOffice and a PDF viewer, and entertainment with a multimedia player supporting MPEG4 and SIP video/voice over IP.
- Designed and made in India, with BIS, RoHS, and ISO certifications.

Included Accessories

- A 12V 7A adapter with a 2-meter cable provides stable power.
- A Thinvent® Keyboard and Mouse set completes the package.
- Operating Temperature: 0°C ~ 40°C. Operating Humidity: 20% ~ 80% RH, non-condensing.
- Dimensions: 210mm × 202mm × 80mm.



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	32 GB
HDD 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.94kg, 2.36kg

ACCESSORIES

Keyboard and Mouse	1

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.

Thinvent Neo H Mini PC

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
SSD	**m128** = 128GB **m512** = 512GB **m2048** = 2TB **S128** = 128GB **h1024** = 1TB HDD		**m256** = 256GB **m1024** = 1TB **S32** = 32GB MLC **S256** = 256GB	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS **11V** = Windows 11 IoT Value **11O** = Windows 11 Professional **U** = Ubuntu Linux		**W_OS** = Without OS **11P** = Windows 11 Pro **Thinux** = Thinux™ Embedded Linux	
Accessories	**0** = None **1S** = DB9 Serial **Mo** = Wired Optical Scroll Mouse		**KM** = Keyboard and Mouse set **MK** = Mechanical Keyboard	

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