



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

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_12L-4-M512-12_7-M-THINUX-KM



Engineered for India, Built to Endure: The High-Performance Thinvent® Neo H Mini PC.

Power Through Your Toughest Industrial Tasks

Meet the ultimate industrial workhorse. The Neo H is our largest, most powerful model, meticulously engineered to deliver relentless reliability in demanding environments. This isn't just a computer; it's the robust nerve centre for your critical operations.

Why the Neo H is Your Industrial Ally

- Unshakeable reliability with a 100% Indian-designed solid steel chassis, built to withstand the rigours of factory floors and control rooms.
- Tackle complex industrial control, automation, and monitoring applications with smooth, responsive performance from a high-powered processor.

- Stay seamlessly connected with dual LAN ports and comprehensive I/O, ensuring robust communication with machinery, sensors, and network systems.
- Deploy with confidence using the integrated Thinix™ operating system, featuring essential tools for remote management, office tasks, and custom application support.
- A complete, ready-to-run solution that arrives with a keyboard and mouse, minimising setup time and getting your systems online faster.

Built for purpose and proven in performance, the Neo H Mini PC is the dependable foundation for your most vital industrial applications.

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
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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.31kg, 2.73kg

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-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4
	64 = 64GB DDR4		32 = 32GB 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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