



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

256GB SSD

No WiFi

Thinix Embedded Linux

DB9 Serial

SKU: H-I5_12L-16-M256-12_7-X-THINUX-1S



Engineered for the relentless demands of industry.

The Neo H Mini PC: Where robust performance meets unwavering reliability. This is our pinnacle industrial computing platform, crafted from the ground up to thrive where ordinary PCs falter.

Unmatched Durability & Performance

- Built with a solid steel chassis, it's engineered to withstand the vibrations and rigours of the factory floor or control room.
- Powered by a high-performance processor to effortlessly manage complex industrial automation, real-time monitoring, and data acquisition tasks.
- Its 100% Indian design and manufacturing ensures a product built for local conditions with uncompromising quality.

Total Connectivity & Control



- Dual Ethernet ports provide critical network redundancy for always-on operations or to segregate control and data networks.
- Legacy serial connectivity ensures seamless integration with PLCs, sensors, and decades-old machinery without costly adaptors.
- The pre-installed, lightweight Thinix™ operating system is tailored for stability, security, and running your essential industrial applications.

A True Industrial Workhorse

From production line control and HMI stations to digital signage in harsh environments, the Neo H delivers dependable operation day in, day out. It's the powerful, connected, and rugged brain your most critical applications deserve. Choose the powerhouse built to last. Choose Thinvent.

Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.82kg, 2.24kg

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_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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