



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinix Embedded Linux

DB9 Serial

SKU: H-I5_12L-4-M512-12_7-M-THINUX-1S



Industrial power, concentrated. Meet the performance champion.

The Thinvent® Neo H Mini PC

Forget compromise. This is the high-performance evolution of our bestselling Neo, engineered to be the definitive industrial workhorse. It delivers serious computing muscle in a remarkably compact, solid steel chassis, built to thrive where reliability is non-negotiable.

Why the Neo H is your strategic advantage

- Unmatched resilience for 24/7 operation in demanding environments, from factory floors to control rooms.
- A host of professional connectivity options, including dual Ethernet and legacy serial support, seamlessly integrates with your existing industrial ecosystem.

- Empowers complex industrial control, automation, digital signage, and secure remote management applications with effortless ease.
 - Rugged, 100% Indian-designed and manufactured build quality, offering supreme durability and dependable local support.
 - Pre-loaded with a versatile, secure embedded OS ready for immediate deployment, eliminating complex software setup.
- Deploy confidence. Choose the robust, high-performance mini PC built for real-world industry.

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	4 GB
SSD Storage	512 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
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	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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