



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

No WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I3_12-32_32-M512-12_7-X-11P-1S



Thinvent® Neo H Mini PC: Unrivalled Power, Unwavering Reliability for Industrial Demands.

Elevate your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This robust, India-made industrial workhorse combines raw power with exceptional durability, making it perfect for demanding industrial control and similar applications.

Unleashed Performance

Experience seamless efficiency powered by the Intel® Core™ i3-1215U processor, boasting 6 cores, up to 4.4 GHz speed, and 10 MB cache. Coupled with 8GB DDR4 RAM and a lightning-fast 512GB SSD, the Neo H ensures rapid data processing and smooth multitasking, all managed by Windows 11 Pro for enhanced security and productivity.

Industrial Strength Connectivity

Built for critical environments, the Neo H offers a comprehensive suite of ports to integrate flawlessly into your systems

- Essential DB9 serial port for legacy and industrial devices
- Versatile dual display support via HDMI and VGA
- Four high-speed USB ports (2x USB 3.2, 2x USB 2.0)
- Gigabit Ethernet for ultra-reliable wired networking
- Dedicated audio output and input

Its solid steel chassis, finished with a resilient powder coating, guarantees exceptional resilience. The wide operating temperature range (0°C ~ 40°C) and robust 12V 7A adapter further solidify its industrial readiness.

Proudly Made in India

100% designed and manufactured in India, the Thinvent® Neo H carries BIS, RoHS, and ISO certifications, reflecting uncompromising quality and a commitment to local innovation.



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	64 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
Serial Port	1 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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	1.79kg, 2.21kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i3_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		m256 = 256GB	
	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	
	Thinux = Thinux™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		KM = Keyboard and Mouse set	
	1S = DB9 Serial		MK = Mechanical Keyboard	
	Mo = Wired Optical Scroll Mouse			

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

