



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I3_12L-64-M512-12_7-X-11V-KM



Engineered for the Demanding Heart of Industry: Meet the Thinvent® Neo H Mini PC.

The Powerhouse Performer

Born from our bestselling Neo series, the Neo H is our most formidable industrial computing solution yet. This is the high-performance workhorse engineered to thrive where it matters most. 100% designed and made in India, it delivers robust, reliable power for your most critical operations.

Unwavering Reliability for Critical Tasks

Forged from solid steel, the Neo H is built to endure. Its rugged construction ensures steadfast performance in challenging industrial environments, from factory floors to control rooms. This is a computer you can trust day in, day out.

Seamless Connectivity, Simplified Control

Designed as a complete out-of-the-box solution, it comes ready with a Thinvent keyboard and mouse set. Dual LAN ports provide essential network redundancy and flexibility, ensuring your systems stay connected and your processes run smoothly. It integrates effortlessly into existing setups for industrial control, automation, and monitoring applications.

Your Trusted Industrial Partner

With certified reliability and the familiar, stable environment of its pre-installed operating system, the Neo H minimises complexity and maximises uptime. It's the dependable, powerful core you need to drive efficiency and maintain control, keeping your business moving forward without interruption.



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
RS485 Option	1

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	2.31kg, 2.73kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

H-i3_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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