



Thinvent Neo H Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I7_12L-32-M512-12_7-X-U-KM



Powerful performance, built for demanding environments.

Introducing the Thinvent® Neo H Mini PC

For the most challenging industrial tasks, you need a reliable workhorse. The Neo H is our high-performance powerhouse, engineered in India to excel where it counts. With a robust solid steel build, it delivers unwavering reliability on the factory floor, in control rooms, and beyond.

Why choose the Neo H?

- Experience formidable processing power that effortlessly handles complex industrial control, automation, and monitoring applications without breaking a sweat.
- Rely on exceptional stability and dual Ethernet connectivity for seamless integration into your critical operational networks and systems.

- Benefit from a versatile array of ports, making it simple to connect to a wide range of displays, peripherals, and legacy equipment.
- Deploy with complete confidence thanks to its rugged, powder-coated steel housing, designed to withstand the rigours of 24/7 industrial use.
- Get started immediately with a clean, secure Ubuntu Linux operating system and a full keyboard and mouse set included.

Built tough and engineered for purpose, the Neo H is the robust computing core your industrial operations deserve.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	32 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	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE			
H-i7_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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