



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM

128GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I3_12L-32-S128-12_7-M-W_OS-KM



Unleash industrial-grade power in a compact, resilient package.

Introducing the Neo H Mini PC

Engineered for demanding environments, this is our most powerful Neo series machine. It's built not just to perform, but to endure, with a solid steel chassis that shrugs off the rigours of the factory floor. This is the industrial workhorse you can rely on.

Why choose the Neo H?

- Experience smooth, responsive performance for industrial control systems, digital signage, and automation tasks.
- Benefit from exceptional connectivity with dual Ethernet ports, ensuring reliable network integration for critical operations.

- Enjoy the flexibility of a fanless, compact design that fits seamlessly into space-constrained settings without compromising on robustness.
- Trust in a product 100% designed and made in India, built to the highest standards of quality and durability.
- Get started immediately with the included keyboard and mouse set, ready to be configured for your specific application.

Built for the long haul where reliability is non-negotiable. The Neo H delivers steadfast computing power where you need it most.

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	32 GB
SSD Storage	128 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
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	2.31kg, 2.73kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

H-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB		m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux		w_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse		KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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