



Thinvent Neo H Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM

1TB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I7_12L-64-M1024-12_5-M-DOS-KM



Unleash the power of industrial computing.

Introducing the Thinvent® Neo H Mini PC

Engineered for relentless performance in demanding environments, the Neo H is the ultimate industrial workhorse. It transforms complex control tasks into seamless operations, built from the ground up for reliability where it matters most.

Why the Neo H is your essential partner

- Experience exceptional processing power that effortlessly handles multiple industrial applications and data streams simultaneously, minimising lag and maximising uptime.
- Deploy with absolute confidence in harsh conditions, thanks to its rugged, solid steel construction that stands up to vibration, dust, and the rigours of the factory floor.

- Enjoy unparalleled connection versatility with dual LAN ports and comprehensive I/O, enabling seamless integration into existing networks and with a wide array of industrial peripherals.
- Simplify your setup and reduce cable clutter with its compact, space-saving design that fits effortlessly into control cabinets or tight workspaces.
- Support domestic industry with a product that is 100% designed and made in India, ensuring quality and robust local support.

Ideal for industrial control systems, digital signage, automation, and secure network gateways. Choose the Neo H for uncompromising power and durability in a purpose-built Indian-made package.

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	64 GB
SSD Storage	1024 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	5 Amps
Power Input	100~240 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	2.24kg, 2.66kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

H-i7_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB	m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ 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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