



Thinvent Neo H Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I7_12L-8-M512-12_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	8 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
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

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

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

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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