



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

256GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I7_12L-32-S256-12_5-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	256 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	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	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**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**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 Keyboardwww.thinvent.insales@thinvent.in

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