



Thinvent Neo H Mini PC

Intel Core i5-1235U processor

10 core, up to 4.4 GHz, 12 MB cache

Dual LAN

6 COM

16GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-I5_12L6-16-M2048-12_7-X-11O-KM



Power through industrial workloads, made in India.

Meet the Thinvent® Neo H Mini PC, the high performance version of our bestselling Neo model. It pairs a 12th generation Intel® Core™ i5-1235U processor with a steel, powder coated chassis built for the shop floor, so your industrial control applications keep moving without drama.

Why it earns its place on your desk

- Serious processing headroom. Ten cores reaching up to 4.4 GHz keep demanding control software, dashboards and multi-tasking running smoothly.
- Connect everything at once. Dual Gigabit Ethernet, six COM ports and an RS485 option make it a natural fit for industrial control, automation and equipment integration.

- Room for your peripherals. HDMI and VGA for displays, USB 3.2 for fast devices, plus speaker out and mic in for operator stations.
- Ready the moment it arrives. Windows 11 Professional, a keyboard and mouse set, and a 12V adapter are all in the box, so you can deploy rather than configure.
- Built to last. A solid steel housing and 100% designed and made in India, backed by BIS, RoHS and ISO certifications.

If you need one compact machine to anchor an industrial control setup, the Neo H Mini PC is the workhorse to choose.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1235U
Cores	10
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	2048 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
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	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-i5_1216-[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

m2048 = 2TB

S128 = 128GB

h1024 = 1TB HDD

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinux = Thinux™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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