



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

32GB MLC SSD

No WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-I7_12L-32-S32-12_7-X-11O-KM



Meet the workhorse that never breaks a sweat.

When your operation can't afford to slow down, the Thinvent® Neo H Mini PC steps up as the high-performance powerhouse of our bestselling Neo family. This is our largest, most capable model yet, engineered for the relentless demands of industrial control and automation.

Built to take the rough with the smooth

- Its formidable processing muscle handles complex tasks and data-heavy applications with impressive ease, so your systems stay responsive when every second counts.
- A solid steel, powder-coated chassis shrugs off the bumps, knocks and harsh conditions of a factory floor, while remaining compact enough to tuck neatly into any control cabinet.
- Thoughtful connectivity means you can link legacy equipment, modern peripherals and network infrastructure without fuss, simplifying installation and future upgrades.

- Dual network ports keep communication flowing reliably, ensuring your critical processes remain connected and controlled.

Why choose the Neo H

It is more than a computer; it is a dependable partner for the long haul. Whether you are supervising machinery, managing production lines, or powering kiosks and gateways, this machine is designed to keep working as tirelessly as you do.

And because it is 100% designed and made in India, you are investing in robust engineering, assured quality and dependable support. With Windows 11 Professional ready to go, plus a matching keyboard and mouse, the Neo H arrives as a complete, no-fuss solution.

Do not settle for less when uptime matters. Choose the industrial-grade performance that keeps your world turning.



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	32 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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
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-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

m2048 = 2TB

S128 = 128GB

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

Thinix = Thinix™ 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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