



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I3_12L-8_8-M512-12_5-X-11V-KM



Engineered for the Demanding Heart of Industry: Meet the Thinvent® Neo H Mini PC.

The Powerhouse Performer

Born from our bestselling Neo series, the Neo H is our most formidable industrial computing solution yet. This is the high-performance workhorse engineered to thrive where it matters most. 100% designed and made in India, it delivers robust, reliable power for your most critical operations.

Unwavering Reliability for Critical Tasks

Forged from solid steel, the Neo H is built to endure. Its rugged construction ensures steadfast performance in challenging industrial environments, from factory floors to control rooms. This is a computer you can trust day in, day out.

Seamless Connectivity, Simplified Control

Designed as a complete out-of-the-box solution, it comes ready with a Thinvent keyboard and mouse set. Dual LAN ports provide essential network redundancy and flexibility, ensuring your systems stay connected and your processes run smoothly. It integrates effortlessly into existing setups for industrial control, automation, and monitoring applications.

Your Trusted Industrial Partner

With certified reliability and the familiar, stable environment of its pre-installed operating system, the Neo H minimises complexity and maximises uptime. It's the dependable, powerful core you need to drive efficiency and maintain control, keeping your business moving forward without interruption.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 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

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	2.21kg, 2.63kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

H-i3_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 Keyboard

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