

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux

SKU: H-I7_12L-8-M1024-12_7-X-U-0



Unleash industrial-grade computing power in a compact, robust package.

The High Performance Neo H

Built to be the resilient heart of your most demanding operations, the Thinvent Neo H Mini PC delivers relentless processing muscle. This isn't just a computer; it's a 100% designed and made in India industrial workhorse engineered for stability and endurance.

Why the Neo H is your essential partner

- Conquer complex industrial control, automation, and monitoring tasks with smooth, uncompromised performance.
- Rely on steadfast operation in challenging environments, thanks to its solid steel construction and rugged design.

- Simplify integration and ensure unwavering network reliability with its advanced dual LAN connectivity.
- Benefit from a secure, stable, and efficient foundation with the pre-installed Ubuntu Linux operating system.
- Deploy with confidence knowing it's built to rigorous standards, ready to become a permanent, dependable fixture in your setup.

Choose the Neo H for where reliability cannot be compromised. It's the powerful, durable core for applications that simply must keep running.



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	1024 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	1.82kg, 2.24kg

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 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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