

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

1TB SSD

No WiFi

Without OS

DB9 Serial

SKU: H-I7_12L-4-M1024-12_5-X-W_OS-1S



Unleash industrial-grade computing power in a compact, rugged form.

The High-Performance Neo H: Engineered to be the robust nerve centre for your most demanding applications.

Built for relentless duty in challenging environments, the Neo H Mini PC combines formidable processing muscle with exceptional durability. This isn't just a computer; it's a reliable industrial partner designed to drive control systems, manage machinery, and process complex data without faltering.

Key advantages

- Superior processing muscle handles intensive industrial software and multi-tasking with seamless efficiency.
- Unmatched reliability with a solid steel construction, built to withstand the rigours of factory floors and control rooms.

- Essential legacy connectivity, including a dedicated serial port, ensures seamless integration with existing industrial equipment.
- Dual Gigabit Ethernet ports provide critical network redundancy and fast data transfer for uninterrupted operations.
- Proudly 100% designed and made in India, supporting local industry with world-class engineering.

Ideal for industrial automation, process control, digital signage, and ruggedised kiosks. Choose the Neo H for a powerhouse that delivers day-in, day-out performance where it matters most.



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	4 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232
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	1.73kg, 2.14kg

OPERATING SYSTEM

Operating System	Without OS
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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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