



Thinvent Neo H Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value

DB9 Serial

SKU: H-I7_12L-4-M512-12_7-X-11V-1S



Unleash industrial power in a compact steel fortress.

Thinvent Neo H Mini PC: The High-Performance Workhorse

Forged from solid steel and 100% made in India, the Neo H is our most robust and capable industrial computer. It's built to excel where reliability is non-negotiable and connectivity is key. This isn't just a computer; it's the dependable core for your most demanding control systems.

Engineered for Demanding Environments

- Conquer complex computational tasks with smooth, responsive performance that keeps your operations running without a hitch.
- Connect seamlessly to a wide array of industrial machinery and legacy equipment with its comprehensive suite of ports.

- Deploy with absolute confidence in harsh conditions, thanks to its rugged, powder-coated steel housing that stands up to dust, vibration, and challenging workspaces.
- Simplify your network architecture and ensure constant communication with dual Gigabit Ethernet ports for critical data transfer.

Ideal for mission-critical applications like industrial automation, process control, and digital signage systems where unwavering stability and versatile connectivity are paramount. Choose the Neo H for the power to control, the resilience to endure, and the pedigree of being designed and built for industry.



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	512 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	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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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