



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

32GB MLC SSD

No WiFi

Windows 11 IoT Value

SKU: H-I7_12L-4-S32-12_5-X-11V-0



Unleash Industrial Power, Packed in Steel.

Introducing the Neo H Mini PC

The ultimate industrial workhorse, built for relentless performance. As the high-performance flagship of our bestselling Neo line, this robust computer delivers the serious processing muscle demanded by complex industrial environments. Housed in a solid, powder-coated steel chassis, it's engineered for durability where it matters most.

Built for the Demanding Edge

- Experience unwavering reliability for critical control systems, automation, and data acquisition tasks.

- Benefit from a host of connectivity options to seamlessly integrate with a vast array of industrial machinery and legacy equipment.
- Deploy with confidence in varied environments, thanks to its rugged, 100% Indian-designed and manufactured steel construction.
- Run essential applications smoothly, supported by a powerful processor configuration that tackles demanding workloads head-on.

Choose the Neo H for a robust, high-performance computing foundation that won't let you down. It's more than a mini PC; it's the dependable core for your most vital industrial operations.



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	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	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	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
	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		m256 = 256GB	
	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	
	Thinux = Thinux™ 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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