



Thinvent Neo H Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM

256GB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I7_12L-64-M256-12_5-X-THINUX-0



Engineered for relentless industrial performance.

Built to power the most demanding applications, the Thinvent® Neo H Mini PC is the ultimate industrial workhorse. This high-performance powerhouse delivers unwavering reliability where it matters most.

Industrial Strength Reliability

- Rugged solid steel construction ensures durability in harsh environments.
- 100% designed and made in India for robust quality and support.
- Stable operation within a wide range of temperatures and humidity.

Unmatched Connectivity and Control

- Dual Gigabit Ethernet ports for critical network redundancy and industrial networking.
- A host of legacy and modern ports for seamless integration with a vast array of industrial equipment.

- Ideal for machine control, automation, digital signage, and complex process management.

Simplified, Secure Operation

- Runs the efficient Thinux™ Embedded Linux OS for stable, long-term performance without bloat.
- Features built-in remote management and VNC shadowing for easy maintenance and monitoring from anywhere.
- Pre-loaded with essential tools for development, office tasks, and multimedia, ready for your specific application.

Choose the industrial-grade computing solution that won't let you down. Deploy the Neo H for critical operations where power, connectivity, and absolute reliability are non-negotiable.



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	256 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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