



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_13-16_16-M256-12_7-X-
THINUX-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, engineered for demanding industrial applications. This high-performance evolution of our bestselling Neo model is your ultimate workhorse, delivering exceptional processing power and extensive connectivity in a compact, robust form factor.

Powerful Performance

- Intel® Core™ i5-1335U processor: Featuring 10 cores, a blistering 4.6 GHz max frequency, and 12 MB cache for unparalleled processing speed.
- Massive 64GB DDR4 RAM: Effortlessly handle complex tasks and multitasking.
- Speedy 32GB MLC SSD: Quick boot times and rapid data access.

Robust Connectivity

- Versatile display options: 1 HDMI and 1 VGA port.
- Essential audio ports: 1 Speaker Out and 1 Mic In.
- Ample USB ports: 2 USB 3.2 and 2 USB 2.0 for all your peripherals.
- High-speed networking: 1000 Mbps Ethernet for reliable data transfer.

Built for the Toughest Environments

- Durable steel housing with a sleek black powder coating.
- Compact dimensions: 210mm × 202mm × 80mm.
- Operates reliably between 0°C ~ 40°C with 20% ~ 80% non-condensing humidity.

Thinux™ Embedded Linux

- Optimized for efficiency and security.
- Includes Chromium and Mozilla Firefox for web browsing.
- Seamless remote access with RDP 10, Putty, and SSH.
- Browser-based management and VNC shadowing.
- Supports Java, Python, glibc location applications.
- Comes with LibreOffice, PDF viewer, and a multimedia player.
- Enables SIP video and voice over IP communication.

Complete Solution

- Includes a Thinvent® Keyboard and Mouse set.
- Powered by a reliable 12V 7A adapter (100~275 Volts AC input).
- 100% designed and made in India.
- Certified by BIS, RoHS, and ISO.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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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-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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