



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinix Embedded Linux

DB9 Serial

SKU: H-I5_13-16-M512-12_5-M-THINUX-1S



Unleash unparalleled power in a compact, industrial-grade design.

The Thinvent® Neo H Mini PC is the high-performance evolution of our bestselling Neo model, engineered to be an industrial workhorse. This robust device, our largest and most powerful, combines a formidable Intel® Core™ i5-1335U processor with 10 cores and up to 4.6 GHz, alongside 16GB DDR4 RAM and a lightning-fast 512GB SSD. Experience seamless multitasking and rapid data access for even the most demanding applications.

Built for the toughest environments, its solid steel housing with a durable powder-coated black finish ensures longevity. Designed and made in India, the Neo H offers reliability you can trust, suitable for critical industrial control and similar applications.

Connectivity Options

- Comprehensive I/O with HDMI, VGA, two USB 3.2, two USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5.

- Essential DB9 serial port for legacy and industrial equipment.

Thinvent® Thinix™ Embedded Linux

- Secure and optimized operating system.
- Includes Chromium and Firefox browsers for web access.
- Advanced remote management: RDP 10 with RemoteFX, SSH, VNC shadowing, and browser-based control.
- Productivity tools like LibreOffice and PDF viewer.
- Supports Java, Python, and glibc applications, plus multimedia and SIP video/voice.

Compact yet powerful, the Neo H measures just 210mm × 202mm × 80mm, operating reliably from 0°C to 40°C. Certified with BIS, RoHS, and ISO, it's the ultimate solution for high-performance industrial computing.

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	16 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.62kg, 2.04kg

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 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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