



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

Dual Band WiFi

Thinux Embedded Linux

DB9 Serial

SKU: H-I5_13-32_32-M1024-12_7-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® Thinux™ 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	64 GB
SSD Storage	1024 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	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	1.72kg, 2.13kg

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

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

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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