Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 cores, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_13G-16-M2048-12_7-M-THINUX-KM



The Industrial Workhorse That Keeps Your Operation Moving

The Thinvent® Neo H Mini PC is the high performance version of our bestselling Neo model, built for organisations that need dependable computing power on the factory floor, in the control room or at the workstation. Powered by a 13th generation Intel® Core™ i5-1335U processor with 10 cores reaching up to 4.6 GHz, it brings desktop-class responsiveness to industrial control and similar applications.

Why choose the Neo H

- Fast, fluid performance for demanding industrial and business software, from control applications to everyday office work.
- A wide spread of connectivity keeps your existing equipment connected, including HDMI and VGA displays, four USB ports, audio in and out, and 1000 Mbps Ethernet.
- Dual band Wi-Fi 5 gives you flexible wireless networking where cabling is impractical.
- Thinux™ Embedded Linux comes ready to work, with Chromium and Mozilla Firefox browsers, LibreOffice and a PDF viewer, multimedia playback, SIP voice and video calling, and support for Java, Python and glibc based location applications.
- Remote management is built in, with browser based administration, VNC shadowing, RDP 10 and SSH tools so your team can support systems without leaving the office.
- A robust steel base and aluminium cover, powder coated black, house the system in a compact mini PC format that fits neatly into industrial environments.
- 100% designed and made in India, with BIS, RoHS and ISO certifications for peace of mind.

The Neo H is the largest and most capable model in the Neo family, combining serious processing power with the practical features industrial users rely on every day. Choose the Thinvent® Neo H Mini PC and put an industrial workhorse at the heart of your operation.



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	2048 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
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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1

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.

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i5_13g-[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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 1TB HDD	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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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