Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 cores, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I3_13G-32_32-M1024-12_7-X-THINUX-0



The Industrial Workhorse That Just Keeps Going

Meet the Thinvent® Neo H Mini PC, the high-performance edition of our bestselling Neo range. Built for serious industrial control and demanding everyday workloads, this is the largest and most capable machine in the family, combining a 13th Generation Intel® Core™ i3-1315U processor with the reliability that comes from 100% design and manufacture in India.

Why choose the Neo H

- Power where it counts: The Intel® Core™ i3-1315U delivers six cores and speeds of up to 4.5 GHz, so applications open quickly and multi-task smoothly, even in busy control rooms and factory floors.
- Ready to work out of the box: Thinux™ Embedded Linux comes preloaded with Chromium and Firefox browsers, LibreOffice, a PDF viewer, multimedia playback and SIP video and voice over IP, so your team can get productive from day one.
- Built for remote operations: Browser-based remote management, VNC shadowing, RDP 10 and SSH make it simple to support and monitor systems across a site or across the country.
- Flexible application support: Java, Python and glibc-based location applications run natively, giving integrators room to deploy the software their operations depend on.
- Connectivity for real installations: HDMI and VGA outputs, four USB ports, speaker out, mic in and Gigabit Ethernet cover the essentials for industrial control and similar applications.
- A tough, practical enclosure: The steel base and aluminium cover, powder coated in black, protect the system in working environments between 0°C and 40°C.
- A dependable power package: The 12V 5A adapter with a generous 2-metre cable and wide-range AC input makes installation straightforward.
- Certified confidence: BIS, RoHS and ISO certifications reflect the standards behind every unit.

If you need one compact machine to run your industrial applications, remote sessions and office tools without fuss, the Neo H is built for the job.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 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

NETWORKING

Ethernet	1000 Mbps

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	335mm × 240mm × 110mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.49kg, 1.90kg

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-i3_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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