Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5_14D-16-M1024-19_7-X-THINUX-0

Power Through Demanding Industrial Work with the Neo H Mini PC

Meet the High Performance version of our bestselling Neo range, built as an industrial workhorse for control rooms, automation cells and demanding embedded tasks.

Fast and capable, the Neo H is powered by a 14th generation Intel® Core™ i5-14400 processor with 10 cores, reaching up to 4.7 GHz, so it stays quick to respond when your applications need it most. Generous 4GB DDR4 memory and 128GB of SSD storage keep your operations running smoothly.

Designed for real industrial life, its steel base and aluminium cover, finished in durable black powder coating, give the Neo H a solid, professional look and feel. Reliable 0°C to 40°C operation and tolerance for 20% to 80% humidity, non-condensing, mean it's ready for the environments where you actually work.

Connectivity is where the Neo H truly shines. You get two HDMI ports, a DisplayPort, Gigabit Ethernet, two USB 3.2 Gen 2 and two USB 3.2 Gen 1 ports, plus audio input and output for flexible integration with your equipment.

Ready to work out of the box, Thinux™ Embedded Linux comes with Chromium and Mozilla Firefox browsers, LibreOffice, a PDF viewer and multimedia playback with MPEG4 support. Remote management is simple thanks to RDP 10, SSH, PuTTY, browser-based management and VNC shadowing, while Java, Python and glibc-based application support let your own software run with ease. SIP video and voice over IP are also included.

Proudly 100% designed and made in India, the Neo H Mini PC is the high-performance choice for industrial control and similar applications.

Choose the Neo H Mini PC and give your operations the power they deserve.

Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	14400
Cores	10
Max Frequency	4.7 GHz
Cache	20 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	16 GB
SSD Storage	1024 GB

DISPLAY

HDMI	2
DisplayPort	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2	2
USB 3.2 Gen 1	2

NETWORKING

Ethernet	1000 Mbps

POWER

DC Voltage	19 Volts
DC Current	7 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	1.5 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	0.91kg, 1.32kg

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.

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Ordering Information

PRODUCT CODE

`H-i5_14d-[RAM]-[SSD]-19_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	
	S128 = 128GB		**S256** = 256GB	
	m128_S128 = Dual 128GB		**m128_S32** = 128GB SSD + 32 GB MLC	
	S128_S32 = 128GB SSD + 32 GB MLC		**S128_S128** = 128GB SSD + 128 GB MLC	
	m32_S32 = 32GB SSD + 32 GB MLC		**S32_S32** = 32GB MLC SSD + 32 GB MLC	
	h1024 = 1TB HDD		**n512_h1024** = 512GB NVMe SSD + 1TB HDD	
	n1024_h1024 = 1TB NVMe SSD + 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			

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India