Thinvent Neo H Mini PC

Intel Core i7-14700 processor

20 core, up to 5.4 GHz, 33 MB cache

32GB DDR4 RAM

128GB SSD + 32 GB MLC SSD

Dual Band WiFi

Windows 11 Professional

SKU: H-I7_14D-32-S128_S32-19_7-M-11O-0



Power Meets Precision: The Thinvent Neo H Mini PC

Compact enough for a crowded control cabinet, powerful enough to run demanding industrial workloads all day.

The Thinvent Neo H is the high performance version of our bestselling Neo range, and it is our largest model yet. Built around the Intel Core i7-14700 processor, with 20 cores and speeds of up to 5.4 GHz, it handles multitasking and intensive applications with ease, so your operations keep moving.

Designed for industrial control and similar demanding environments, the Neo H brings together a host of connectivity options to suit a wide range of setups

- Two HDMI and one DisplayPort outputs for connecting multiple screens
- Four USB 3.2 ports for fast connection to your peripherals and devices
- Gigabit Ethernet for reliable wired networking
- Dual band Wi-Fi for flexible wireless connectivity
- Audio output and microphone input for voice and sound applications

Ready to use straight away, it comes with Windows 11 Professional, giving you a familiar, secure platform for your business software.

Built to last in the workplace, the Neo H features a steel base and aluminium cover in a sleek powder coated black finish. Every unit is 100% designed and made in India, so you can buy with confidence.

Whether you are upgrading an existing system or building a new control solution, the Thinvent Neo H delivers the performance, versatility and quality your operation depends on.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	i7
Processor Brand	Intel
Processor Model	14700
Cores	20
Max Frequency	5.4 GHz
Cache	33 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	32 GB
SSD Storage	32 GB
Secondary SSD Storage	32 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Microsoft Windows 11 Professional

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i7_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