Thinvent Neo H Mini PC

Intel Core i5-1250P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

256GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set



SKU: H-I5_12LG-32_32-S256-12_7-X-11P-KM

Power Through Your Workday, Not Your Patience

Meet the Thinvent® Neo H Mini PC, the high-performance edition of our bestselling Neo model. Built for industrial control and demanding everyday workloads, it pairs a 12th Gen Intel® Core™ i5-1250P processor with a robust steel-and-aluminium chassis that's designed to keep up, shift after shift.

Why choose the Neo H

- Responsive performance: A 12-core Intel® Core™ i5-1250P processor with up to 4.4 GHz and 12 MB cache handles multitasking, control software and data-heavy applications with ease.
- Built for the factory floor: Industrial control, monitoring and similar applications are exactly what this workhorse was made for.
- Connect without compromise: Dual 1000 Mbps Ethernet ports, HDMI and VGA outputs, plus USB 3.2 and audio connections give you the flexibility to link displays, peripherals and networks.
- Ready to work out of the box: Comes preloaded with Windows 11 Pro, and includes a Thinvent® keyboard and mouse set, so you can get productive straight away.
- Proudly Indian: 100% designed and made in India, with a powder-coated black steel base and aluminium cover that looks as professional as it performs.
- Confident compliance: BIS, RoHS and ISO certifications give you reassurance for professional deployments.

The Neo H is our largest and most capable Neo, built for organisations that need real processing power in a compact, dependable package. If your work depends on a machine that keeps pace with your ambitions, this is it.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1250P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i5_12lg-[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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