Thinvent Neo H Mini PC

Intel Core i5-1250P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

Ubuntu Linux

SKU: H-I5_12LG-8_8-M256-12_7-X-U-0



Power Through Your Toughest Workloads Without Missing a Beat

The Thinvent® Neo H Mini PC is the high-performance flagship of our bestselling Neo range, built for those who refuse to compromise on speed or reliability. At its heart sits an Intel® Core™ i5-1250P processor with twelve cores reaching up to 4.4 GHz, so demanding industrial control applications, data-heavy tasks and multitasking run smoothly all day long.

Why the Neo H belongs on your desk or in your control cabinet

- It is our largest and most capable model, giving you the headroom to run serious workloads without slowing down.
- Dual gigabit Ethernet ports let you connect to separate networks or devices at the same time, ideal for industrial control and automation setups.
- A generous spread of connectivity, including HDMI, VGA, USB 3.2, speaker out and mic in, means fewer adapters and simpler installations.
- Ubuntu Linux 24.04 LTS comes ready to use, giving you a stable, secure and familiar platform from the moment you switch on.
- The steel base and powder-coated aluminium cover are built to stand up to everyday industrial environments.
- With no WiFi onboard, you get a focused, wired-first machine that suits secure and controlled installations.
- Proudly 100% designed and made in India, backed by BIS, RoHS and ISO certifications.

Whether you are running industrial control systems, powering a workstation or deploying a dependable Linux machine, the Neo H delivers the performance and connectivity to match your ambitions.



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	16 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	335mm × 240mm × 110mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.59kg, 2.01kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

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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