



Thinvent Neo H Mini PC

Intel Core i5-1235U processor

10 core, up to 4.4 GHz, 12 MB cache

Dual LAN

6 COM

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_12L6-32_32-M512-12_7-M-DOS-KM



Big performance for serious industrial work.

The Thinvent® Neo H Mini PC is the high performance version of our bestselling Neo model. It is our largest and most capable system, built around an Intel® Core™ i5-1235U processor with 10 cores reaching up to 4.4 GHz. That means fast, responsive performance for demanding industrial control and similar applications, where waiting on a slow machine costs you time and money.

Why choose the Neo H

- Industrial workhorse performance. Ten cores and a 12 MB cache keep your applications moving, whether you are running control software, monitoring systems or multiple tasks at once.

- Connectivity that fits real installations. Dual 1000 Mbps Ethernet, six COM ports and an RS485 option let you connect to the equipment and networks you already use, without adding adapters.
- Wireless freedom. Dual band Wi-Fi 5 keeps your setup flexible where cabling is difficult.
- Built to last. A solid steel, powder coated housing protects the system in tough environments.
- Ready to work. Comes with a Thinvent keyboard and mouse set, so you can get started straight away.
- Proudly Indian. 100% designed and made in India.

If you need a reliable industrial mini PC that handles heavy workloads and connects to everything on your floor, the Neo H is built for you.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1235U
Cores	10
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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
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OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

H-i5_1216-[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	
	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	
	110 = 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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