



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Professional

SKU: H-I5_14-4-M256-12_7-X-11O-0



Industrial strength, desktop finesse – the Neo H Mini PC powers your most demanding work.

Built for the serious side of computing

- Tackles industrial control, machine monitoring and data acquisition with effortless stability
- Handles multi-tasking and complex applications without breaking a sweat, so you can keep production lines moving
- Keeps running through long shifts in dusty, hot environments thanks to its solid steel housing

Designed to fit in anywhere

- Compact enough to mount behind a display or tuck into a control cabinet, freeing up valuable workspace
- Offers a rich selection of ports to connect legacy machinery and modern peripherals alike
- Brings dependable wired networking for reliable, low-latency communication across your plant

The workhorse you can rely on

- 100% designed and made in India, with robust manufacturing you can trust
- Tough powder-coated steel build shrugs off knocks, vibrations and the rough-and-tumble of factory life
- Runs on Windows 11 Professional, giving you the familiar, secure platform your team already knows

When downtime is not an option

- Quick to deploy, simple to manage, and ready for continuous operation around the clock
- The high-performance choice for engineers who need real computing muscle in a compact footprint
- Ideal as an alternative to ageing desktop towers, without sacrificing connectivity or power

Choose the Neo H Mini PC and give your industrial applications the dependable, high-performing heart they deserve – day in, day out.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.43kg, 1.84kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
	m2048 = 2TB			
	S128 = 128GB			
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	Thinix = Thinix™ 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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