



Thinvent Neo H Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

128GB SSD

No WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-B-8_3-S128-19_1-X-11O-KM



The quiet powerhouse your factory floor has been waiting for.

Meet the workhorse

The Neo H is the high-performance flagship of our bestselling Neo family – the biggest, brawniest mini PC we make. It is engineered for industrial control and demanding embedded duties, where reliability and stamina matter far more than flash. Whether it is running a production line, monitoring equipment, or powering a control room dashboard, this machine simply gets on with the job.

Why you will want one

- A true industrial workhorse, built to handle continuous operation in challenging environments
- Passive fanless cooling means no moving parts, no dust-induced failures, and no noise – just dependable, silent running
- A generous array of connectivity ports makes it effortless to hook up to legacy machinery, displays, and peripherals

- Plenty of processing muscle and memory for multitasking across your control software, without hesitation
- Backed by Windows 11 Professional for a secure, familiar, and manageable platform

Built to last, made to be trusted

Housed in a solid steel chassis with a tough powder-coated finish, the Neo H shrugs off the knocks of everyday industrial life. It operates happily in warm, dusty environments where ordinary office PCs would struggle. And with 100% design and manufacturing in India, you are investing in engineering integrity and dependable local support.

When the pressure is on, the Neo H keeps its cool. It is the dependable partner for your automation, process control, and supervisory applications – ready to run around the clock, year after year. Make the switch to the mini PC that means business.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	7th
Series	Celeron
Processor Brand	Intel
Processor Model	J1900
Cores	4
Max Frequency	2.4 GHz
Cache	2 MB
Main Memory	8 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	1
USB 2.0	4

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	19 Volts
DC Current	1.3 Amps
Power Input	100~280 Volts AC, 50 Hz, 0.7 Amps maximum
Cable Length	1.8 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Thermal Design	Fanless Passive Cooling
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.72kg, 2.14kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-B-[RAM]-[SSD]-19_1-X-[OS]-[Accessories]

RAM	4_3 = 4GB DDR3	8_3 = 8GB DDR3
SSD	S32 = 32GB MLC S256 = 256GB	S128 = 128GB
OS	DOS = DOS 11I = Windows 11 IoT 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard

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