Thinvent Neo H Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

1TB HDD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-N5-16-H1024-12_5-M-THINUX-KM



Unleash industrial power in a compact, rugged package.

Introducing the Neo H: The High-Performance Mini PC for Demanding Environments.

Forged from solid steel and designed for 24/7 reliability, the Thinvent Neo H is the ultimate industrial workhorse. Built to thrive where standard computers fail, it delivers robust performance for mission-critical control and automation tasks right here on the factory floor.

Designed for the real world

- Engineered for industrial resilience with a durable, all-steel chassis that stands up to tough conditions.
- Enjoy seamless connectivity with a wealth of ports and high-speed networking for all your essential peripherals and systems.
- Benefit from a powerful, efficient processor that handles complex control applications and multi-tasking with ease.
- Leverage the integrated Thinux™ operating system, pre-loaded with essential tools for remote management, office tasks, and custom application support.
- Experience peace of mind with a product 100% designed and made in India, built to the highest quality standards.

  Ideal for industrial control panels, digital signage, automation hubs, and any application where compact size, unwavering reliability, and serious computing power are non-negotiable. The Neo H isn't just a computer; it's the dependable core of your industrial operations.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	11th
Series	Celeron
Processor Brand	Intel
Processor Model	N5095A
Cores	4
Max Frequency	2.9 GHz
Cache	4 MB
Main Memory	16 GB
HDD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4

NETWORKING

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

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	2.10kg, 2.52kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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Ordering Information

PRODUCT CODE

`H-N5-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]`

RAM	**4** = 4GB DDR4	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
SSD	**m128** = 128GB **m512** = 512GB **m2048** = 2TB **S128** = 128GB **h1024** = 1TB HDD		**m256** = 256GB **m1024** = 1TB **S32** = 32GB MLC **S256** = 256GB	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS **11I** = Windows 11 IoT **11O** = Windows 11 Professional **U** = Ubuntu Linux		**W_OS** = Without OS **11P** = Windows 11 Pro **Thinux** = Thinux™ 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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