Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

32GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-I3_12-32-S32T-12_7-M-11P-0



Thinvent Neo H: Your Command Center for Industrial Power.

Elevate your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. As our largest and most capable industrial workhorse, this Mini PC is 100% designed and made in India, featuring a solid steel build for unparalleled durability in challenging environments.

Unleash relentless power with the Intel® Core™ i3-1215U processor, boasting 6 cores and speeds up to 4.4 GHz with a 10 MB cache, perfectly complemented by 16GB DDR4 RAM. This configuration delivers exceptional efficiency for complex industrial control and demanding applications. The 32GB MLC SSD provides robust, fast storage for critical operations, ensuring quick boot-ups and reliable performance.

Seamless Integration and Reliability

- Extensive connectivity options include HDMI, VGA, two USB 3.2, two USB 2.0 ports, Gigabit Ethernet, Speaker Out, and Mic In.
- Dual Band Wi-Fi 5 (802.11ac) offers flexible and reliable wireless networking.
- Designed for resilience with a 0°C ~ 40°C operating temperature range and a durable, power-coated black steel housing.
- Pre-installed with Windows 11 Pro for a secure and modern professional experience.
- Certified by BIS, RoHS, and ISO, affirming superior quality and environmental compliance.

The Thinvent Neo H Mini PC, measuring 210mm × 202mm × 80mm, provides compact yet formidable processing power, making it the definitive choice for critical industrial deployments.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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	1.79kg, 2.21kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-i3_12-[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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