Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

32GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: H-R5_7-4-S32T-19_3-M-U-0



Unleash industrial performance in a compact powerhouse.

Built for the toughest tasks

- Drive demanding industrial control systems with the raw multi-core power of a high-performance AMD processor, handling data logging, automation scripts and real-time monitoring without breaking a sweat.
- Run multiple applications simultaneously – from SCADA interfaces to edge analytics – thanks to a configuration that delivers smooth, responsive operation day in, day out.
- Trust a system engineered for continuous duty in factory floors, workshops and remote installations, where downtime is not an option.

Designed and made in India

- Rely on a 100% domestically engineered mini PC, built with a solid steel housing that withstands vibration, dust and everyday knocks.
- Choose a product that combines local manufacturing excellence with global component quality, ensuring consistent performance and easy support.

Connectivity that keeps you in control

- Connect legacy equipment and modern peripherals alike, with a versatile array of ports including VGA, HDMI, USB and gigabit Ethernet – perfect for integrating into existing industrial networks.
- Operate wirelessly with dual-band WiFi, giving you freedom to place this workhorse wherever it is needed most, without trailing cables.
- Enjoy out-of-the-box readiness with Ubuntu Linux 24.04 LTS – a stable, secure foundation that reduces setup time and simplifies maintenance.

From process control to data acquisition, the Thinvent Neo H is the industrial workhorse you can count on, backed by robust build quality and a powerful CPU that meets the demands of your most critical applications.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	4 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 1	2
USB 2.0	2

NETWORKING

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

POWER

DC Voltage	19 Volts
DC Current	3 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	1.27kg, 1.69kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-r5_7-[RAM]-[SSD]-19_3-[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		**m128_S128** = Dual 128GB	
	m128_S32 = 128GB SSD + 32 GB MLC		**S128_S32** = 128GB SSD + 32 GB MLC	
	S128_S128 = 128GB SSD + 128 GB MLC		**m32_S32** = 32GB SSD + 32 GB MLC	
	S32_S32 = 32GB MLC SSD + 32 GB MLC		**h1024** = 1TB HDD	
	n512_h1024 = 512GB NVMe SSD + 1TB HDD		**n1024_h1024** = 1TB NVMe SSD + 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			

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India