Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-I3_12-16_16-M2048-12_7-M-11V-KM

Unleash Productivity in a Compact Powerhouse

Thinvent® Neo R/4 Mini PC: Where Performance Meets Portability.

Experience seamless multitasking and robust performance with the Thinvent® Neo R/4 Mini PC. Powered by the 12th Gen Intel® Core™ i3-1215U processor, featuring 6 cores and a turbo boost up to 4.4 GHz, this mini PC handles demanding workloads with ease. Enjoy lightning-fast boot times and application loading thanks to the 1TB SSD, complemented by 16GB of DDR4 RAM for smooth operation.

Versatile Connectivity for Every Need

This compact yet powerful device offers comprehensive connectivity options.

- Connect to multiple displays with HDMI and VGA ports.
- Expand your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Enjoy rapid wired networking with a 1000 Mbps Ethernet port.
- Stay connected wirelessly with dual-band Wi-Fi 5.
- Integrated audio jacks for speaker out and mic in.

Built for Reliability and Efficiency

The durable steel housing, finished in sleek black powder coating, ensures longevity. Its compact dimensions (198mm × 200mm × 73mm) and feather-light weight (110 grams) make it ideal for space-constrained environments. Included is a Thinvent® Keyboard and Mouse set for immediate productivity.

Empowered by Windows 11 IoT

Run your essential applications reliably with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, designed for stability and security. The included 12V 7A adapter provides efficient power.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 16 GB DDR4 RAM
- Storage: 1 TB SSD
- Networking: Dual Band Wi-Fi 5, 1000 Mbps Ethernet
- Operating System: Windows 11 IoT Enterprise LTSC 2024 Value
- Power: 12V 7A Adapter, 100-275V AC Input
- Ports: 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, 2x USB 3.2, 2x USB 2.0
- Certifications: BIS, RoHS, ISO

Thinvent Neo R/4 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	2048 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	198mm × 200mm × 73mm
Packing Dimensions	340mm × 235mm × 105mm
Weight	110 grams
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	2.20kg, 2.62kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value

Thinvent Neo R/4 Mini PC

Ordering Information

PRODUCT CODE

`R-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	
	S128 = 128GB		**S256** = 256GB	
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