



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

128GB SSD

Dual Band WiFi

DOS

SKU: R-I3_12-8_8-M128-12_7-M-DOS-0



Unleash Mighty Performance in a Mini Package.

Introducing the Thinvent® Neo R/4 Mini PC, your compact powerhouse designed for next-level productivity and seamless computing. Don't let its unbelievably small size fool you; this mini PC packs a punch, making it perfect for office, home, or commercial applications where space is at a premium but performance cannot be compromised.

Blazing Fast Performance

- Experience the speed of the Intel® Core™ i3-1215U processor, featuring 6 cores and burst frequencies up to 4.4 GHz, paired with a generous 10 MB cache for rapid data access.
- Multitask effortlessly with 16GB DDR4 RAM, ensuring smooth operation even with demanding applications.
- Enjoy lightning-fast boot-ups and application loading from the responsive 128GB SSD storage.

Versatile Connectivity

- Expand your workspace with dual display support via HDMI and VGA ports, boosting your productivity.

- Connect all your essential peripherals with 2 high-speed USB 3.2 ports and 2 USB 2.0 ports.
- Stay connected with reliable gigabit Ethernet or enjoy wireless freedom with dual-band Wi-Fi 5 (802.11ac).
- Integrated speaker out and mic in ports provide comprehensive audio capabilities.

Designed for Durability and Efficiency

- Housed in a robust, powder-coated black steel chassis, this mini PC weighs just 110 grams and boasts a tiny footprint of 198mm x 200mm x 73mm, allowing for discreet placement.
- Operates reliably in diverse environments (0°C to 40°C) and is certified with BIS, RoHS, and ISO standards, ensuring quality and longevity.
- Comes with FreeDOS, offering the flexibility to install your preferred operating system.

Power your work, elevate your entertainment, and reclaim your desk space with the Thinvent® Neo R/4 Mini PC.



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	16 GB
SSD Storage	128 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	1.68kg, 2.10kg

OPERATING SYSTEM

Operating System	FreeDOS
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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	
	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	
	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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