



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

DOS

SKU: R-I5_14-16-M128-12_5-M-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Discover the Thinvent® Neo R/4 Mini PC, a compact powerhouse engineered for peak efficiency and exceptional versatility. This sleek device redefines desktop computing, delivering robust performance without occupying valuable space.

Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ 5 120U processor, boasting 10 cores and speeds up to 5.0 GHz with 12 MB cache for seamless multitasking and demanding applications.
- Blaze through tasks with 16GB DDR4 RAM, ensuring smooth operation whether you're working, browsing, or streaming.
- Store more and access it faster than ever on the massive 1TB SSD, offering instant boot-ups and rapid application loading.

Connectivity & Expandability

- Drive up to three displays simultaneously with dual HDMI and a VGA port, perfect for extensive workspaces or dynamic digital signage.

- Stay connected with super-fast dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable wired networking.
- Four USB ports (2x 3.0, 2x 2.0), along with dedicated speaker out and mic in, ensure all your peripherals are easily accommodated.

Designed for Durability and Flexibility

- Housed in a robust steel chassis with a sleek power-coated black finish, the Neo R/4 is built to last and weighs a mere 110 grams, making it incredibly portable.
- Its energy-efficient 12V power adapter and wide voltage compatibility (100-275V AC) mean reliable operation anywhere.
- Pre-installed with FreeDOS, it offers you the freedom to choose and install your preferred operating system.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental responsibility.

Dimensions: 198mm x 200mm x 73mm.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

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	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	1.23kg, 1.65kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE			
R-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4
	64 = 64GB DDR4		32 = 32GB DDR4
SSD	m128 = 128GB		m256 = 256GB
	m32 = 32GB		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		

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

