Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-I5_13-8_8-S256-12_5-M-11V-0

Unleash Mighty Performance in a Micro Footprint: The Thinvent® Neo R/4 Mini PC.

Experience unparalleled power and versatility with the Thinvent® Neo R/4, a revolutionary mini PC designed for peak performance in any environment. Its compact size belies its incredible capabilities, making it ideal for demanding tasks, industrial applications, or sophisticated edge computing.

Performance Unleashed

- Drive intensive applications with the Intel® Core™ i5-1335U processor, boasting 10 cores and turbo speeds up to 4.6 GHz, backed by 12 MB cache for blazing-fast responsiveness.
- Multitask effortlessly with a massive 64GB DDR4 RAM, ensuring seamless transitions and smooth operation even with resource-heavy workloads.
- Boot in seconds and access your data at lightning speed thanks to the ultra-fast 512GB SSD.

Seamless Integration

- Connect with confidence using dual-band Wi-Fi 5 (802.11ac) and Gigabit Ethernet for robust network access.
- Versatile display options include HDMI and VGA outputs.
- Expand your peripherals with two USB 3.2 and two USB 2.0 ports, along with dedicated speaker out and mic in jacks.
- Powered by Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, it delivers enhanced security and optimized performance for specialized applications.

Built for Reliability

- Its incredibly small form factor (198mm × 200mm × 73mm) and feather-light 110-gram weight allow for discreet placement anywhere.
- Encased in a durable, black power-coated steel housing, ensuring longevity and resilience in challenging conditions.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and environmental compliance.

Reliable Power, Global Ready

- Operates efficiently on a wide power input range (100-275V AC) with a reliable 12V 7A adapter and a 2-metre cable.
- Designed for continuous operation in temperatures from 0°C to 40°C and 20% to 80% RH, non-condensing.

Elevate your productivity and streamline your operations with the Thinvent® Neo R/4 – the ultimate compact powerhouse.

Thinvent Neo R/4 Mini PC

Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	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	1.52kg, 1.94kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value

Thinvent Neo R/4 Mini PC

Ordering Information

PRODUCT CODE

`R-i5_13-[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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