Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

DOS

DB9 Serial

SKU: R-I5_13-8-M1024-12_5-M-DOS-1S

Experience unparalleled power in a remarkably compact design.

The Thinvent® Neo R/4 Mini PC redefines efficiency, delivering robust desktop performance without the bulk. Engineered for speed and versatility, this mini powerhouse is ideal for diverse applications, from intensive office productivity to specialized industrial control.

Unrivaled Performance

- Harness the raw processing power of the Intel® Core™ i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz, backed by a generous 12 MB cache for seamless multitasking and demanding applications.
- Experience lightning-fast responsiveness with an astounding 64GB of DDR4 RAM, ensuring smooth operation even with the most intensive workloads.
- Benefit from rapid boot times and quick application loading thanks to the integrated 32GB MLC SSD.

Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) for reliable, high-speed wireless networking.
- Connect essential peripherals with two USB 3.2 and two USB 2.0 ports.
- Versatile display options include HDMI and VGA outputs.
- A dedicated DB9 male RS232 serial port ensures compatibility with legacy devices and specialized industrial equipment.
- Enjoy stable, gigabit-speed internet with the 1000 Mbps Ethernet port.

Robust Design & Flexibility

- Housed in a durable, black powder-coated steel chassis, the Neo R/4 is built to last, yet incredibly lightweight at just 110 grams.
- Its ultra-compact dimensions (198mm × 200mm × 73mm) allow for discreet placement in any environment.
- Comes with FreeDOS, offering you the freedom to install your preferred operating system.
- Certified with BIS, RoHS, and ISO for quality and compliance.

Discover the Thinvent® Neo R/4 Mini PC – where power meets portability.

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	8 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

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	FreeDOS

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
	64 = 64GB 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			

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