

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

128GB SSD

No WiFi

Without OS



SKU: R-I7_12L-8-M128-12_7-X-W_OS-0

Unleash professional-grade performance in a micro footprint.

Thinvent Neo R/4 Mini PC: Your compact command centre for demanding digital tasks.

Engineered for reliability where it matters most

- Experience seamless multitasking and rapid data processing, ideal for digital signage, point-of-sale systems, and industrial automation.
- Benefit from robust, fanless operation perfect for 24/7 use in challenging environments, from shop floors to server closets.
- Simplify your network setup with dual Ethernet ports, enabling secure and stable wired connections for critical applications.

- Enjoy versatile connectivity for multiple displays and peripherals, making it the perfect hub for control rooms, kiosks, or compact workstations.

Built tough with a steel chassis to withstand the rigours of daily commercial use, the Neo R/4 delivers dependable power without the bulk. Choose the platform-free flexibility to install your preferred operating system and software. It's the smart, streamlined solution for professionals who need big computer performance in a remarkably small space.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE			
R-i7_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4 32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse		KM = Keyboard and Mouse set MK = Mechanical Keyboard

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