



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: R-I7_12L-32-M512-12_5-M-W_OS-KM



Big power, no bulk. Meet the Thinvent® Neo R/4 Mini PC.

Engineered for performance

Harness the robust capabilities of an Intel® Core™ i7 processor to effortlessly run demanding business applications, manage complex digital signage, or power your creative workstation. Experience smooth, lag-free multitasking that keeps pace with your ambition.

Built for reliability in any environment

Designed with industrial-grade durability, this compact powerhouse thrives where standard computers fail. Its rugged steel construction and wide operating temperature range ensure unwavering performance in retail kiosks, factory floors, or tight office spaces.

Simplify your setup and connectivity

Get straight to work with the included keyboard and mouse set. Dual Gigabit LAN ports provide critical network redundancy and fast, stable connections for data-heavy tasks, while versatile display outputs let you connect to modern or legacy monitors with ease.

The ultimate space-saving solution

Reclaim your desk. This remarkably small unit delivers full desktop power without the clutter, making it the perfect, discreet centerpiece for streamlined workspaces, interactive displays, or integrated systems.



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	32 GB
SSD Storage	512 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
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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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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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