

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set



SKU: R-I7_12L-16-M512-12_7-X-U-KM

Unlock serious power from a silent, compact powerhouse.

Built for the relentless demands of business and industrial environments, the Thinvent Neo R/4 Mini PC delivers robust performance where it matters most. Its whisper-quiet, fanless design ensures flawless operation in settings where dust, vibration, or noise are critical concerns, from factory floors to secure control rooms.

Why choose the Neo R/4 for your operation

- Experience seamless multitasking and rapid data processing with advanced Intel Core power, keeping complex applications and multiple displays running smoothly.
- Achieve ultimate network reliability and security with dual Gigabit Ethernet ports, perfect for network segmentation, firewall duties, or ensuring a constant, stable connection.

- Deploy with confidence using the pre-installed, stable Ubuntu Linux OS, a secure and efficient platform for custom software solutions and digital signage.
- Simplify your setup with the included keyboard and mouse, arriving ready to work straight out of the box to minimise downtime.
- Its rugged, steel construction and wide operating temperature range guarantee dependable service in challenging conditions, day in and day out.

Embrace a clutter-free, professional workstation without compromising on capability. The Neo R/4 is the dependable, high-performance engine for your specialised computing tasks.



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	16 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

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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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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