



Thinvent® Neo R/4 Mini PC, Intel® Core™ i5-1250P processor (12 core, up to 4.4 GHz, 12 MB cache), 32GB DDR4 RAM, 32GB SSD, 12V 7A Adapter, Dual Band WiFi, Windows 11 IoT Value, DB9 Serial

SKU: [R-i5_12-32-m32-12_7-m-11V-1S](#)

Experience uncompromising performance in a surprisingly compact form factor.



Processing

Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	32 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	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

Dimensions	198mm × 200mm × 73mm
Packing Dimensions	340mm × 235mm × 105mm
Weight	110 grams
Housing Material	Steel
Housing Finish	Power Coating
Housing Colour	Black
Net and Gross Weight	1.70kg, 2.12kg

Operating System

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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