



Thinvent Neo S Thin Client

Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

16GB DDR4 RAM

32GB SSD + 32 GB MLC SSD

No WiFi

Windows 11 IoT

SKU: N-100-16-M32_S32-12_5-X-11I-0



Thinvent Neo S: Engineered for Endurance, Powered for Performance.

Discover the Thinvent® Neo S Thin Client, a robust computing powerhouse built for demanding environments. This battle-tested workhorse has been serving customers for over 15 years, proving its unwavering reliability and solid steel construction. Designed and made 100% in India, it represents unparalleled quality and innovation.

Unmatched Performance for Critical Tasks

- Experience swift responsiveness with the Intel® N100 processor, featuring 4 cores and bursting up to 3.4 GHz, complemented by 6 MB cache.
- Multitask seamlessly with a generous 32GB DDR4 RAM, ensuring smooth operation for even the most demanding applications.
- Enjoy lightning-fast boot times and application loading from the spacious 512GB SSD.
- Operate with confidence on Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, offering long-term stability and enhanced security.

Superior Connectivity and Versatility

- Drive dual displays simultaneously with HDMI and VGA outputs for extended productivity.

- Connect all your essential peripherals with an array of USB ports, including 2x USB 3.2 Gen 2, 1x USB 3.2 Gen 1, 1x USB C, and 4x convenient front USB 2.0 ports.
- Ensure compatibility with critical legacy systems through 2x DB9 male RS232 serial ports and a DB25 female IEEE 1284 parallel port.
- Benefit from rock-solid, high-speed network connectivity with 1000 Mbps Ethernet.

Built to Last

- Its very rugged aluminium housing with a durable power-coated black finish is designed to withstand the toughest industrial and commercial conditions.
- Operate reliably in challenging environments with an operating temperature range of 0°C to 40°C.
- Certified for RoHS and ISO standards, guaranteeing quality and environmental compliance.

The Thinvent Neo S is the ultimate thin client for industries requiring a powerful, durable, and secure computing solution that stands the test of time.



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N100
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	16 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2	2
USB 3.2 Gen 1	1
USB C	1
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232
Parallel Port	1 DB25 female IEEE 1284
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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	RoHS, ISO

PHYSICAL

Form Factor	Thin Client
Thermal Design	Fanless Passive Cooling
Dimensions	196mm × 213mm × 27mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Aluminium
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.04kg, 1.46kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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Ordering Information

PRODUCT CODE	
N-100-[RAM]-[SSD]-12_5-[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 m128_S128 = Dual 128GB m128_S32 = 128GB SSD + 32 GB MLC S128_S32 = 128GB SSD + 32 GB MLC m32_S32 = 32GB SSD + 32 GB MLC S32_S32 = 32GB MLC SSD + 32 GB MLC
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11I = Windows 11 IoT 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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