



Thinvent Neo S Thin Client

Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

64GB DDR4 RAM

32GB SSD + 32 GB MLC SSD

No WiFi

Ubuntu Linux



SKU: N-100-64-M32_S32-12_5-X-U-0

Thinvent Neo S: The Battle-Tested Powerhouse, Engineered for Unwavering Performance.

Experience a new era of reliability and speed with the Thinvent® Neo S Thin Client. As a testament to over 15 years of customer-proven dependability, this battle-tested workhorse is 100% designed and made in India, ensuring exceptional quality and support.

Unleash Superior Performance

At its core, the Neo S boasts an Intel® N100 processor with 4 cores, clocking up to 3.4 GHz and featuring a 6 MB cache for lightning-fast processing. Paired with a massive 32GB DDR4 RAM and a rapid 512GB SSD, it delivers unparalleled responsiveness, seamless multitasking, and swift application loading, all powered by the robust Ubuntu Linux 24.04 LTS operating system.

Connectivity That Matters

Maximize your productivity with a comprehensive array of I/O ports.

- Dual display support with 1 HDMI and 1 VGA port.

- Extensive peripheral connectivity via 2 USB 3.2 Gen 2, 1 USB 3.2 Gen 1, 1 USB C, and 4 front USB 2.0 ports.
- Legacy system integration with 2 DB9 male RS232 serial ports and 1 DB25 female IEEE 1284 parallel port.
- Uninterrupted, secure network access with 1000 Mbps Ethernet (No WiFi for enhanced security).
- Essential audio ports: 1 Speaker Out, 1 Mic In.

Engineered for Durability

The Thinvent Neo S is built to last. Its solid steel internal structure and premium aluminium housing with a durable black powder coating ensure a very rugged, long-lasting design. Operating flawlessly from 0°C to 40°C and 20% to 80% RH (non-condensing), this compact (196mm × 213mm × 27mm) device meets RoHS and ISO certifications, reflecting its commitment to quality and environmental standards.



Thinvent Neo S Thin Client



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N100
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	64 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
Serial Port	2 DB9 male RS232
Parallel Port	1 DB25 female IEEE 1284

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	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
N-100-[RAM]-[SSD]-[Adapter]-[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
Adapter	12_2 = 12V 2A Adapter 12_5 = 12V 5A Adapter
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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