



# Thinvent Neo S Thin Client

## Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

## 8GB DDR4 RAM

## 32GB SSD

## No WiFi

## Ubuntu Linux

SKU: N-100-8-M32-12\_2-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	8 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
----------	-----------

### POWER

---

DC Voltage	12 Volts
DC Current	2 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 0.9 Amps maximum
Cable Length	1 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	0.71kg, 1.13kg

### OPERATING SYSTEM

---

Operating System	Ubuntu Linux 24.04 LTS
------------------	------------------------

## Ordering Information

PRODUCT CODE	
<b>N-100-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB <b>S32</b> = 32GB MLC <b>S128</b> = 128GB <b>S256</b> = 256GB <b>m128_S128</b> = Dual 128GB <b>m128_S32</b> = 128GB SSD + 32 GB MLC <b>S128_S32</b> = 128GB SSD + 32 GB MLC <b>m32_S32</b> = 32GB SSD + 32 GB MLC <b>S32_S32</b> = 32GB MLC SSD + 32 GB MLC
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11I</b> = Windows 11 IoT <b>11P</b> = Windows 11 Pro <b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

