# Thinvent Neo H Mini PC

**Intel processor N5095A**

**4 core, up to 2.9 GHz, 4 MB cache**

**32GB DDR4 RAM**

**1TB HDD**

**Dual Band WiFi**

**Without OS**

**Thinvent Keyboard and Mouse set**

SKU: H-N5-32-H1024-12_5-M-W_OS-KM




The ultimate industrial mini PC, built for the toughest tasks.

**Thinvent® Neo H Mini PC**

Engineered for endurance and reliability, the Neo H is the high-performance heart of your industrial operations. Its robust solid steel construction ensures unwavering durability in demanding environments, ready to handle the rigours of factory floors and control rooms.

Ideal for industrial control and automation, this powerful workhorse delivers seamless operation for critical applications. With a host of connectivity options, it effortlessly integrates into your existing systems, linking machinery, displays, and peripherals for complete command.

- Experience robust, unfailing performance that keeps your processes running smoothly.
- Deploy a 100% designed and made in India solution with proven local support.
- Benefit from versatile connectivity to monitor, manage, and control your operations.
- Install your preferred operating system for a fully customised, secure setup.
- Rely on its industrial-grade build for long-term stability in challenging conditions.

  Power your most critical industrial applications with confidence. The Neo H is the dependable, high-performance foundation your business needs.



# Thinvent Neo H Mini PC

## Specifications

### PROCESSING

| | |
|---|---|
| **Generation** | 11th |
| **Series** | Celeron |
| **Processor Brand** | Intel |
| **Processor Model** | N5095A |
| **Cores** | 4 |
| **Max Frequency** | 2.9 GHz |
| **Cache** | 4 MB |
| **Main Memory** | 32 GB |
| **HDD Storage** | 1024 GB |

### DISPLAY

| | |
|---|---|
| **HDMI** | 1 |
| **VGA** | 1 |

### AUDIO

| | |
|---|---|
| **Speaker Out** | 1 |
| **Mic In** | 1 |

### CONNECTIVITY

| | |
|---|---|
| **USB 3.0** | 4 |

### NETWORKING

| | |
|---|---|
| **Ethernet** | 1000 Mbps |
| **Wireless Networking** | Wi-Fi 5 (802.11ac), dual band |

### 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** | BIS, RoHS, ISO |

### PHYSICAL

| | |
|---|---|
| **Form Factor** | Mini PC |
| **Dimensions** | 181.5mm × 199.5mm × 72mm |
| **Packing Dimensions** | 340mm × 235mm × 105mm |
| **Housing Material** | Steel base, aluminium cover |
| **Housing Finish** | Powder Coated |
| **Housing Colour** | Black |
| **Net and Gross Weight** | 2.10kg, 2.52kg |

### ACCESSORIES

| | |
|---|---|
| **Keyboard and Mouse** | 1 |

### OPERATING SYSTEM

| | |
|---|---|
| **Operating System** | Without OS |

# Thinvent Neo H Mini PC

## Ordering Information

PRODUCT CODE

`H-N5-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]`

| | | | | |
|---|---|---|---|---|
| RAM | **4** = 4GB DDR4 | **8** = 8GB DDR4 | **16** = 16GB DDR4 | **32** = 32GB DDR4 |
| SSD | **m128** = 128GB<br>**m512** = 512GB<br>**m2048** = 2TB<br>**S128** = 128GB<br>**h1024** = 1TB HDD | | **m256** = 256GB<br>**m1024** = 1TB<br>**S32** = 32GB MLC<br>**S256** = 256GB | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS<br>**11I** = Windows 11 IoT<br>**11O** = Windows 11 Professional<br>**U** = Ubuntu Linux | | **W_OS** = Without OS<br>**11P** = Windows 11 Pro<br>**Thinux** = Thinux™ Embedded Linux | |
| Accessories | **0** = None<br>**1S** = DB9 Serial<br>**Mo** = Wired Optical Scroll Mouse | | **KM** = Keyboard and Mouse set<br>**MK** = Mechanical Keyboard | |


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