



## Thinvent Neo H Mini PC

### Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

**32GB DDR4 RAM**

**2TB SSD**

**No WiFi**

**Windows 11 IoT**

SKU: H-N5-32-M2048-12\_5-X-11I-0



Engineered for the relentless rhythm of industry: meet the Neo H.

Where rugged reliability meets serious computing power. As the high-performance heart of our bestselling Neo series, this industrial workhorse is built from the ground up for demanding environments. It's not just a computer; it's the dependable core for your critical control systems.

#### Built for the long haul

- Experience unwavering stability for industrial automation, machine control, and digital signage.

- Hosted in a solid, powder-coated steel chassis for superior durability and heat dissipation.
- Benefit from a wealth of connectivity with multiple USB 3.0 and legacy ports for seamless integration.
- Deploy with absolute confidence, backed by robust Indian design and manufacturing.

The Neo H delivers steadfast performance where it matters most. It's the robust, reliable foundation your industrial applications deserve.



# 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   |
| SSD Storage     | 2048 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### 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           | 210mm × 202mm × 80mm  |
| Packing Dimensions   | 340mm × 235mm × 105mm |
| Housing Material     | Steel                 |
| Housing Finish       | Powder Coated         |
| Housing Colour       | Black                 |
| Net and Gross Weight | 1.58kg, 2.00kg        |

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry |
|------------------|-----------------------------------------------------|

## 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                            | 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>110 = Windows 11 Professional<br>U = Ubuntu Linux |                                                               | W_OS = Without OS<br>11P = Windows 11 Pro<br>Thinix = Thinix™ Embedded Linux |                |
| Accessories                                         | 0 = None<br>1S = DB9 Serial<br>Mo = Wired Optical Scroll Mouse                         |                                                               | KM = Keyboard and Mouse set<br>MK = Mechanical Keyboard                      |                |

[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

