

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 32GB DDR4 RAM

## 256GB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial

SKU: H-I5\_13-32-M256-12\_5-X-11P-1S



### Unleash Industrial Power: The Neo H Mini PC – Robust Performance, Redefined.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line. As our largest and most powerful system, this industrial workhorse is 100% designed and made in India, featuring a solid steel build engineered for relentless operation in demanding environments.

#### Unmatched Performance for Critical Tasks

- Experience blazing speed with the Intel® Core™ i5-1335U processor, boasting 10 cores and clocking up to 4.6 GHz with a 12 MB cache.
- Multitask seamlessly and run intensive applications with 16GB DDR4 RAM.
- Benefit from rapid boot-ups and swift data access with a 128GB SSD.

#### Unrivalled Connectivity for Industrial Control

- This powerhouse is purpose-built for industrial control and similar applications, offering a comprehensive suite of ports.
- Critical DB9 male RS232 Serial port for legacy systems and specialized equipment.

- Expand your setup with 2x USB 3.2 and 2x USB 2.0 ports.
- Connect displays via HDMI and VGA.
- Ensure stable network communication with 1000 Mbps Ethernet – no WiFi for enhanced wired reliability.
- Dedicated Speaker Out and Mic In ports.

#### Built Tough, Designed to Last

- Encased in a durable, black powder-coated steel housing (210mm x 202mm x 80mm).
- Certified for reliability with BIS, RoHS, and ISO standards.
- Operates flawlessly from 0°C to 40°C, with 20% to 80% non-condensing humidity.
- Powered by a robust 12V 7A adapter with a wide 100~275V AC input, ensuring stable power delivery through a 2-metre cable.

#### Advanced Operating System

- Pre-installed with Microsoft Windows 11 Pro, offering enhanced security, productivity, and management features for professional use.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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|                 |         |
|-----------------|---------|
| Generation      | 13th    |
| Series          | i5      |
| Processor Brand | Intel   |
| Processor Model | 1335U   |
| Cores           | 10      |
| Max Frequency   | 4.6 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 256 GB  |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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|             |                  |
|-------------|------------------|
| USB 3.2     | 2                |
| USB 2.0     | 2                |
| Serial Port | 1 DB9 male RS232 |

### NETWORKING

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

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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 | 1.62kg, 2.04kg        |

### OPERATING SYSTEM

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|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

| PRODUCT CODE  |  |                     |                                    |
|---|--|---------------------|------------------------------------|
| <b>H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |                     |                                    |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4                    | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4              |
|   | <b>64</b> = 64GB DDR4                  |                     | <b>32</b> = 32GB 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>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>11V</b> = Windows 11 IoT Value      |                     | <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>1S</b> = DB9 Serial                 |                     | <b>MK</b> = Mechanical Keyboard    |
|   | <b>Mo</b> = Wired Optical Scroll Mouse |                     |                                    |

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