



Thinvent® Neo H Mini PC, Intel® Core™ i5-1335U processor (10 core, up to 4.6 GHz, 12 MB cache), 32GB DDR4 RAM, 32GB MLC SSD, 12V 7A Adapter, Dual Band WiFi, Windows 11 IoT Value, DB9 Serial

SKU: [H-i5\\_13-32-S32-12\\_7-m-11V-1S](#)

Thinvent® Neo H: Industrial Powerhouse, Compact Brilliance

### Processing

|               |         |
|---------------|---------|
| Cores         | 10      |
| Max Frequency | 4.6 GHz |
| Cache         | 12 MB   |
| Main Memory   | 32 GB   |
| SSD Storage   | 32 GB   |

### Display

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

### Audio

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

### Connectivity

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

### Networking

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

### Power

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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

|                  |                      |
|------------------|----------------------|
| Dimensions       | 210mm × 202mm × 80mm |
| Housing Material | Steel                |
| Housing Finish   | Power Coating        |
| Housing Colour   | Black                |

### Operating System

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

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