



Thinvent® Industrial PC IPC1, Intel® processor N100 (4 core, up to 3.4 GHz, 6 MB cache), 32GB DDR4 RAM, 32GB SSD, 12V 2A Adapter, Dual Band WiFi, Windows 11 IoT, Thinvent® Keyboard and Mouse set

SKU: [IPC1-100-32-m32-12\\_2-m-11I-KM](#)

Empower Your Operations with the Thinvent® IPC1: Performance Meets Resilience.



## Processing

|               |         |
|---------------|---------|
| Cores         | 4       |
| Max Frequency | 3.4 GHz |
| Cache         | 6 MB    |
| Main Memory   | 32 GB   |
| SSD Storage   | 32 GB   |

## Display

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

## Audio

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

## Connectivity

|               |   |
|---------------|---|
| USB 3.2 Gen 2 | 2 |
| USB 3.2 Gen 1 | 1 |
| USB C         | 1 |
| Front USB 2.0 | 4 |

## Networking

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

## 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, BIS               |

## Physical

|                      |                                    |
|----------------------|------------------------------------|
| Dimensions           | 199.5mm × 181.5mm × 34.5mm         |
| Packing Dimensions   | 340mm × 235mm × 105mm              |
| Housing Material     | Aluminium                          |
| Housing Finish       | Powder Coated Base, Anodised Cover |
| Housing Colour       | Black                              |
| Net and Gross Weight | 1.47kg, 1.89kg                     |

## Accessories

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
| VESA Mount         | 1 |

## Operating System

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