



Thinvent® Industrial PC IPC1, Intel® processor N100 (4 core, up to 3.4 GHz, 6 MB cache), 16GB DDR4 RAM, 128GB SSD, 12V 2A Adapter, Dual Band WiFi, Thinux™ Embedded Linux

SKU: [IPC1-100-16-m128-12\\_2-m-Thinux-0](#)

Thinvent® Industrial PC IPC1: Unyielding Performance, Unmatched Reliability.



## Processing

|               |         |
|---------------|---------|
| Cores         | 4       |
| Max Frequency | 3.4 GHz |
| Cache         | 6 MB    |
| Main Memory   | 16 GB   |
| SSD Storage   | 128 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         |
| Housing Material | Aluminium                          |
| Housing Finish   | Powder Coated Base, Anodised Cover |
| Housing Colour   | Black                              |

## Accessories

|            |   |
|------------|---|
| VESA Mount | 1 |
|------------|---|

## Operating System

|                  |                                                                                                                                                                                                                                                                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                           |
| OS Features      | Chromium and Mozilla Firefox browsers.<br><br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br><br>Browser based remote management. VNC shadowing.<br><br>Java, Python and glibc based location application support.<br><br>LibreOffice and PDF viewer.<br><br>Multimedia player with MPEG4 support.<br><br>SIP video and voice over IP. |