



Thinvent® Industrial PC IPC5, Intel® Core™ i5-1250P processor (12 core, up to 4.4 GHz, 12 MB cache), 16GB DDR4 RAM, 1TB SSD, 12V 7A Adapter, No WiFi, Thinux™ Embedded Linux, Quad DB9 Serial

SKU: IPC5-i5\_12-16-m1024-12\_7-X-Thinux-4S

Thinvent® IPC5: The Powerhouse of Industrial Automation, Engineered for Excellence.



## Processing

|               |         |
|---------------|---------|
| Cores         | 12      |
| Max Frequency | 4.4 GHz |
| Cache         | 12 MB   |
| Main Memory   | 16 GB   |
| SSD Storage   | 1024 GB |

## Display

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

## Audio

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

## Connectivity

|             |                  |
|-------------|------------------|
| USB 3.2     | 2                |
| USB 2.0     | 2                |
| Serial Port | 6 DB9 male RS232 |

## Networking

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

## 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 ~ 50°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | RoHS, ISO                    |

## Physical

|                  |                      |
|------------------|----------------------|
| Dimensions       | 197mm × 210mm × 65mm |
| Housing Material | Aluminium            |
| Housing Finish   | Anodised             |
| Housing Colour   | Dark Grey            |

## 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. |