# Thinvent Industrial PC IPC1

## AMD Ryzen 5 7430U processor

### 6 core, up to 4.3 GHz, 16 MB cache

## 16GB DDR4 RAM (2 x 8GB)

## 2TB SSD

## No WiFi

## Thinux Embedded Linux



SKU: IPC1-R5_7-8_8-M2048-19_3-X-THINUX-0

Power through the workday without the wait.

The Thinvent® Industrial PC IPC1 is built for organisations that need dependable computing in demanding spaces. With an AMD Ryzen™ 5 7430U processor, six cores and speeds up to 4.3 GHz, it handles point-of-sale software, kiosk interfaces, digital signage and control-room dashboards without stalling. Multitasking across browsers, spreadsheets and business applications stays smooth and responsive.

**Why teams choose it**

- Runs quietly in customer-facing areas, so it never disturbs staff or visitors.
- Solid aluminium housing with a finned anodised cover keeps the internals cool through long shifts, even in warm offices and workshops.
- Sealed against dust, making it a natural fit for factory floors, warehouses and other gritty environments.
- Comes ready to work with Thinux™ Embedded Linux, plus Chromium, Firefox, LibreOffice, PDF viewing and multimedia playback out of the box.
- Supports remote display, remote management and screen shadowing, so IT teams can help users without leaving their desks.
- Java, Python and glibc support lets you run your own location-specific applications.
- Voice and video over IP keep communication running on the same machine.
- Certified to BIS, RoHS and ISO standards, giving procurement teams confidence.
- Proudly designed in India, backing local manufacturing and local support.

If your operation needs a compact industrial computer that keeps going when the pressure is on, the IPC1 is ready to earn its place.









# Thinvent Industrial PC IPC1

## Specifications

### PROCESSING

| | |
|---|---|
| Generation | 7000 Series |
| Series | Ryzen 5 |
| Processor Brand | AMD |
| Processor Model | 7430U |
| Cores | 6 |
| Max Frequency | 4.3 GHz |
| Cache | 16 MB |
| Main Memory | 16 GB |
| SSD Storage | 2048 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 1 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 4 |

### NETWORKING

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

### POWER

| | |
|---|---|
| DC Voltage | 19 Volts |
| DC Current | 3 Amps |
| Power Input | 100~240 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

| | |
|---|---|
| Form Factor | Industrial PC |
| Thermal Design | Fanless Passive Cooling |
| Dimensions | 199.5mm × 181.5mm × 34.5mm |
| Packing Dimensions | 319mm × 224mm × 85mm |
| Housing Material | Aluminium |
| Housing Finish | Powder Coated Base, Anodised Cover |
| Housing Colour | Black |
| Net and Gross Weight | 0.94kg, 1.17kg |

### ACCESSORIES

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

### OPERATING SYSTEM

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

# Thinvent Industrial PC IPC1

## Ordering Information

PRODUCT CODE

`IPC1-r5_7-[RAM]-[SSD]-19_3-[Wireless]-[OS]-[Accessories]`

| | | | | |
|---|---|---|---|---|
| RAM | **4** = 4GB DDR4 | **8** = 8GB DDR4 | **16** = 16GB DDR4 | **32** = 32GB DDR4 |
| | **32_32** = 64GB DDR4 RAM (2 x 32GB) | **16_16** = 32GB DDR4 RAM (2 x 16GB) | **8_8** = 16GB DDR4 RAM (2 x 8GB) | |
| SSD | **m128** = 128GB | | **m256** = 256GB | |
| | **m512** = 512GB | | **m1024** = 1TB | |
| | **m2048** = 2TB | | | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS | | **W_OS** = Without OS | |
| | **11V** = Windows 11 IoT Value | | **11P** = Windows 11 Pro | |
| | **11O** = Windows 11 Professional | | **Thinux** = Thinux™ Embedded Linux | |
| | **U** = Ubuntu Linux | | | |
| Accessories | **0** = None | | **KM** = Keyboard and Mouse set | |
| | **MK** = Mechanical Keyboard | | **Mo** = Wired Optical Scroll Mouse | |


www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

**R&D and Manufacturing**
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

**Sales**
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India