



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

4GB DDR4 RAM

256GB SSD

No WiFi

DOS

Quad DB9 Serial

SKU: IPC3-I3_13-4-M256-12_5-X-DOS-4S



Built Tough, Designed Smart: Your 24/7 Industrial Powerhouse.

Introducing the Thinvent® Industrial PC IPC3, a robust and fanless computing solution engineered for the most demanding environments. 100% designed and made in India, this IPC is your reliable partner for industrial automation, IoT deployments, and mission-critical applications requiring continuous 24x7 operation.

Unmatched Performance and Reliability

- Power through complex tasks with the Intel® Core™ i3-1315U processor, featuring 6 cores and a blazing 4.5 GHz max frequency with 10 MB cache.
- Experience seamless multitasking and data processing with a massive 64GB DDR4 RAM.
- Benefit from lightning-fast boot-ups and application loading with the durable 512GB SSD, ensuring peak performance without moving parts.

Optimized for Industrial Connectivity

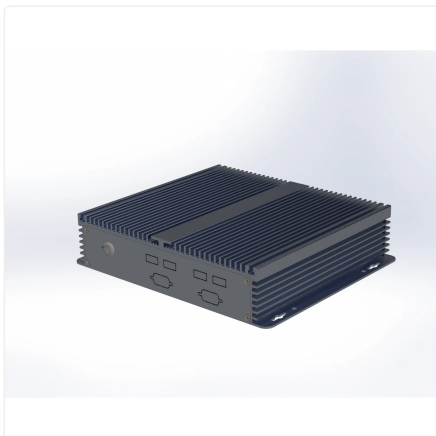
- Connect effortlessly to legacy and modern equipment with an impressive six DB9 male RS232 serial ports.

- Integrate displays via HDMI and VGA, and utilize a versatile array of USB 3.2 and USB 2.0 ports for peripherals.
- Secure network access is provided by a reliable 1000 Mbps Ethernet connection, perfectly suited for controlled industrial settings.

Rugged Design for Harsh Conditions

- Operate confidently in extreme temperatures from 0°C to 50°C and humidity up to 80% RH.
- The sleek, silver anodised aluminium housing offers superior protection, heat dissipation, and a compact 200mm x 184mm x 52mm footprint.
- Built for longevity, its fanless design eliminates dust ingress and moving parts failures, ensuring a silent, maintenance-free operation.

The Thinvent® IPC3 comes with FreeDOS, allowing you full control to deploy your preferred industrial operating system. Choose the IPC3 for uncompromising reliability and performance where it matters most.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 4 GB |
| SSD Storage | 256 GB |

DISPLAY

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

AUDIO

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

CONNECTIVITY

| | |
|-------------------|------------------|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| Front USB 2.0 | 4 |
| Front Serial Port | 2 DB9 male RS232 |
| Rear Serial Port | 4 DB9 male RS232 |

NETWORKING

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

POWER

| | |
|--------------|--|
| DC Voltage | 12 Volts |
| DC Current | 5 Amps |
| Power Input | 100~240 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

| | |
|----------------------|-------------------------|
| Form Factor | Industrial PC |
| Thermal Design | Fanless Passive Cooling |
| Dimensions | 200mm × 184mm × 52mm |
| Packing Dimensions | 340mm × 235mm × 105mm |
| Housing Material | Aluminium |
| Housing Finish | Anodised |
| Housing Colour | Silver |
| Net and Gross Weight | 2.38kg, 2.80kg |

OPERATING SYSTEM

| | |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

Ordering Information

| PRODUCT CODE | |
|--|--|
| IPC3-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | 4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4 |
| SSD | m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB |
| Wireless | m = Dual Band WiFi X = No WiFi |
| OS | DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinux = Thinux™ Embedded Linux U = Ubuntu Linux |
| Accessories | 0 = None 4S = Quad DB9 Serial |

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

