



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Ubuntu Linux

SKU: IPC3-I3_13-16_16-M512-12_7-X-U-0



Conquer Every Challenge: The Thinvent® IPC3 Industrial Powerhouse.

Engineered in India for unparalleled resilience, the Thinvent® Industrial PC IPC3 is your steadfast partner for demanding industrial and IoT applications. This rugged, fanless marvel is built to thrive where others fail, ensuring 24x7 operation even in the harshest environments.

Unmatched Performance & Reliability

Powered by an Intel® Core™ i3-1315U processor with 6 cores boosting up to 4.5 GHz and 10 MB cache, coupled with 16GB DDR4 RAM and a rapid 256GB SSD, the IPC3 delivers exceptional processing power and speed for critical tasks. Its fanless design eliminates moving parts, reducing maintenance and preventing dust ingress for superior longevity. Running on the stable and secure Ubuntu Linux 24.04 LTS, it is ready for immediate deployment.

Designed for the Toughest Environments

Encased in a sleek, silver anodised aluminium housing measuring 200mm x 184mm x 52mm, the IPC3 is not just durable but also visually striking.

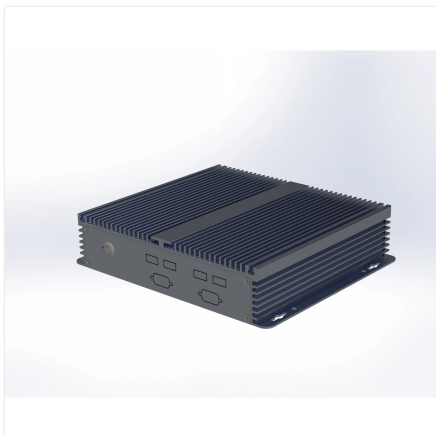
- Operate flawlessly from 0°C to 50°C.
- Withstands 20% to 80% RH non-condensing humidity.
- RoHS and ISO certified for quality and compliance.

Seamless Connectivity & Integration

Connect your essential peripherals and network with ease

- Video Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 2 USB 3.2, 2 USB 2.0 (rear), 4 USB 2.0 (front)
- Network: Gigabit Ethernet (1000 Mbps)
- Power: Stable 12V 7A DC input, adaptable 100~275V AC
- (2m cable)

The Thinvent® IPC3 stands as a testament to robust engineering, 100% designed in India for the global industrial landscape.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	512 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

NETWORKING

Ethernet	1000 Mbps
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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

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	2.48kg, 2.90kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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

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

m512 = 512GB

m2048 = 2TB

m256 = 256GB

m1024 = 1TB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

4S = Quad DB9 Serial

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