



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 IoT Value

Quad DB9 Serial

SKU: IPC3-I3_13-16-M2048-12_7-X-11V-4S



Powering Your Industrial Future: The Thinvent® IPC3

Unleash robust performance in demanding environments with the Thinvent® IPC3. Engineered for 24x7 operation and designed entirely in India, this fanless Industrial PC is your ultimate solution for challenging industrial and IoT applications. Its rugged, anodised aluminium housing in sleek silver ensures durability, while the powerful Intel® Core™ i3-1315U processor with 6 cores and up to 4.5 GHz ensures seamless multitasking and rapid data processing.

Key Performance & Connectivity

- Experience lightning-fast responsiveness with 32GB DDR4 RAM and a speedy 512GB SSD.
- Connect all your essential peripherals with 2x USB 3.2, 2x USB 2.0, and 4x front USB 2.0 ports.
- Seamlessly integrate legacy devices with 6 Quad DB9 Serial ports (RS232).
- Benefit from high-speed connectivity with 1000 Mbps Ethernet.
- Versatile display options with 1x HDMI and 1x VGA.

- Integrated audio with 1x Speaker Out and 1x Mic In.

Reliable Operation

- Operates flawlessly between 0°C and 50°C with 20% to 80% non-condensing humidity.
- Powered by a 12V 7A adapter (100-275V AC input).
- Includes a 2-metre power cable.

Intelligent Software

- Comes pre-loaded with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for industrial deployments.

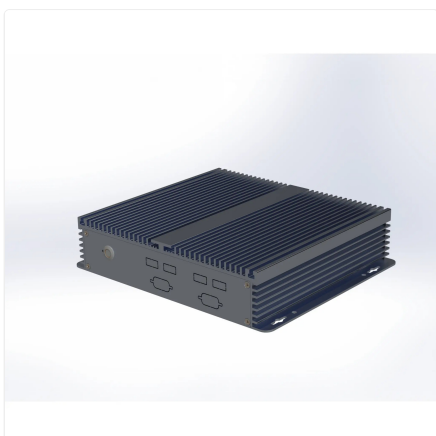
Compact and Durable Design

- Dimensions: 200mm × 184mm × 52mm.
- Crafted from anodised aluminium for superior strength and a premium finish.

Certifications

- RoHS and ISO certified for quality assurance.

The Thinvent® IPC3: Built tough, designed smart, and ready for anything.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	2048 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
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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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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