



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

Windows 11 IoT Value

SKU: IPC3-I3_13-16_16-M512-12_5-X-11V-0



Conquer Any Challenge: Unyielding Performance with Thinvent® IPC3.

Introduction

Experience peak reliability and performance in the most demanding environments with the Thinvent® Industrial PC IPC3. Engineered for rugged 24x7 operation, this fanless powerhouse thrives where standard PCs fail, perfect for industrial and IoT applications. Proudly 100% designed in India.

Performance That Drives Industry

- Intel® Core™ i3-1315U processor (6 cores, up to 4.5 GHz, 10 MB cache) delivers robust computing power
- 64GB DDR4 RAM ensures extensive multitasking and data handling capability
- 256GB SSD provides lightning-fast boots and rapid data access for critical operations

Connectivity & Integration

- Versatile display options with 1 HDMI and 1 VGA port
- Comprehensive audio support via 1 Speaker Out and 1 Mic In
- Ample USB connectivity: 2x USB 3.2, 2x USB 2.0 (rear), and 4x front USB 2.0 ports

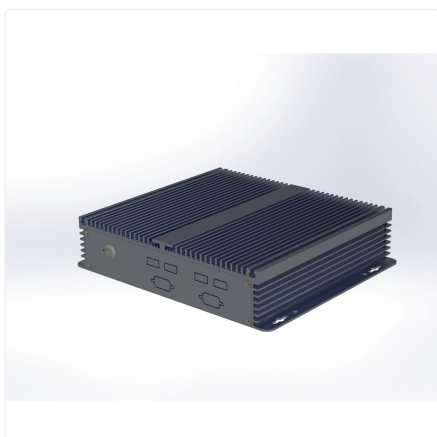
- Reliable network integration through a 1000 Mbps Ethernet port

Rugged Durability & Design

- Fanless operation ensures silent, dust-free reliability in harsh industrial settings
- Compact dimensions of 200mm × 184mm × 52mm for easy integration into limited spaces
- Durable silver anodised aluminum housing provides superior protection and efficient heat dissipation
- Wide operating temperature range from 0°C ~ 50°C
- Tolerant operating humidity: 20% ~ 80% RH, non condensing, ideal for diverse environments
- Flexible power input: 100~275 Volts AC, 50~60 Hz, with a robust 12V 7A adapter and 2-metre cable

Operating System & Compliance

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value for secure and specialized industrial applications
- Certified for peace of mind with RoHS and ISO compliance



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	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	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**m256** = 256GB**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**Thinix** = Thinix™ Embedded Linux**U** = Ubuntu Linux

Accessories

0 = None**4S** = Quad DB9 Serialwww.thinvent.insales@thinvent.in

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