



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: IPC3-I3_13-16-M1024-12_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
- 16GB DDR4 RAM ensures extensive multitasking and data handling capability
- 1TB 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

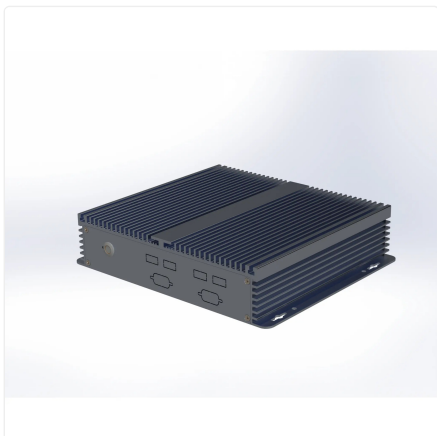
- Reliable network integration through a 1000 Mbps Ethernet port

Rugged Durability & Design

- Fanless operation ensures silent, dust-free reliability in harsh industrial settings
- Compact dimensions of 200mm x 184mm x 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	16 GB
SSD Storage	1024 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 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

