



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS



SKU: IPC3-I3_13-16-M512-12_5-M-DOS-0

Uncompromising Power. Unwavering Reliability. Built for the Edge.

Introducing the Thinvent® Industrial PC IPC3: a robust, fanless computing solution engineered for the most demanding industrial and IoT environments. Proudly 100% designed in India, this rugged PC ensures continuous 24x7 operation, delivering high performance where it matters most.

Exceptional Performance for Critical Tasks

At its core, the Intel® Core™ i3-1315U processor boasts 6 cores with speeds up to 4.5 GHz and a 10 MB cache, providing formidable processing power for complex applications. Coupled with 8GB DDR4 RAM and a lightning-fast 256GB SSD, experience seamless multitasking and rapid data access, crucial for critical industrial operations.

Industrial-Grade Durability & Connectivity

Built to last, the IPC3 features a sleek, silver anodised aluminium housing, ensuring maximum heat dissipation without the need for a fan – eliminating moving parts and significantly enhancing reliability in dusty or harsh conditions. Its compact 200mm x 184mm x 52mm footprint makes it ideal for space-constrained installations.

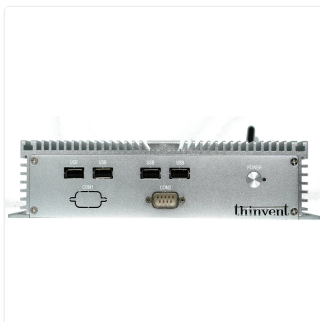
Connectivity for Every Need

- Extensive I/O includes 1x HDMI, 1x VGA, 2x USB 3.2, 2x USB 2.0, plus 4x front USB 2.0 for convenient access.
- Reliable 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) ensure robust network communication.
- Audio ports (Mic In, Speaker Out) provide comprehensive multimedia support.

Designed for Extreme Environments

Operate confidently from 0°C to 50°C with 20% ~ 80% non-condensing humidity. RoHS and ISO certifications guarantee quality and environmental compliance. Pre-installed with FreeDOS, it offers a clean slate for your specialised industrial software.

Powering your industrial future, reliably.



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	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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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
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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

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