



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

2TB SSD

Dual Band WiFi

Without OS



SKU: IPC3-I3_12L-32_32-M2048-12_5-M-W_OS-0

Built for the relentless rhythm of industry. Meet the IPC3, the robust, fanless industrial PC engineered to thrive where others falter.

Unwavering reliability for your critical operations

Designed in India to conquer demanding environments, its fanless, solid-state construction ensures silent, dust-resistant 24/7 operation. From the factory floor to the smart edge, it delivers consistent performance without compromise.

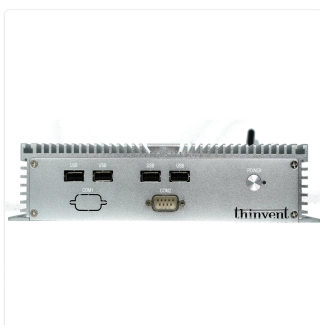
Engineered for seamless connectivity and control

With versatile connectivity for a multitude of devices and sensors, it effortlessly integrates into your existing ecosystem. This durable powerhouse is the dependable brain for industrial automation, IoT gateways, and digital signage, turning complex data into clear command.

The resilient core of your digital transformation

- Provides steadfast, maintenance-free operation in harsh conditions.
- Enables reliable data acquisition and machine control for continuous processes.
- Offers a future-proof platform for a wide range of industrial and commercial applications.
- Delivers peace of mind with rugged, durable construction designed for the long haul.

Choose the IPC3. More than a computer, it's the resilient heartbeat of your automated world.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Front USB 2.0	4
Front Serial Port	2 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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	2.45kg, 2.87kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

IPC3-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
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 Thinux = Thinux™ Embedded Linux	
Accessories	0 = None		4S = Quad DB9 Serial	

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