



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

256GB SSD

No WiFi

Without OS

Quad DB9 Serial

SKU: IPC3-I3_12L-16_16-M256-12_5-X-W_OS-4S



Engineered for the extremes: where reliability is non-negotiable.

Built for the real world

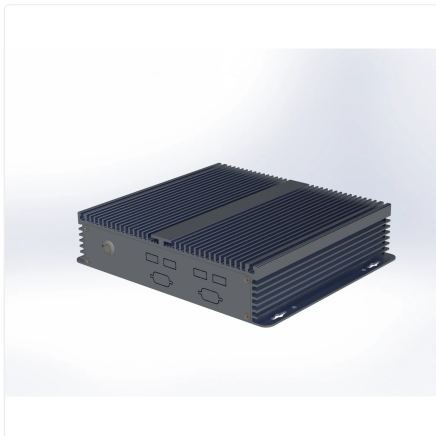
Meet the IPC3, a fanless industrial computer born to thrive where others falter. Its rugged, all-aluminium chassis and anodised silver finish shrug off dust, vibration, and extreme temperatures, delivering unwavering 24/7 performance in the most demanding settings. This is silent, steadfast computing designed from the ground up for industrial resilience.

Your steadfast partner in automation and control

This isn't just a computer; it's the dependable core of your operation. With its fanless design eliminating moving parts, it ensures years of maintenance-free service, critical for continuous production lines and remote IoT installations. The robust connectivity, including multiple serial ports, makes it the perfect command centre for legacy machinery and modern systems alike.

Why choose the IPC3

- Conquer harsh environments with a rugged, fanless build that operates silently and reliably.
- Deploy with confidence for 24/7 mission-critical applications, from factory floors to smart agriculture.
- Simplify integration with versatile industrial connectivity, ready to communicate with a wide array of equipment.
- Invest in durability and longevity with a robust design that reduces downtime and total cost of ownership.
- Support innovation with a platform proudly 100% designed in India for global industrial challenges.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	256 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
Rear Serial Port	4 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	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 Serial		

www.thinvent.insales@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

