



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux



SKU: IPC3-I3_12L-64-M512-12_5-M-U-0

Built for the relentless rhythm of industry.

The Thinvent IPC3 is the robust computing core your demanding operations deserve. Engineered for non-stop performance in the toughest environments, this fanless industrial PC delivers unwavering reliability where it matters most.

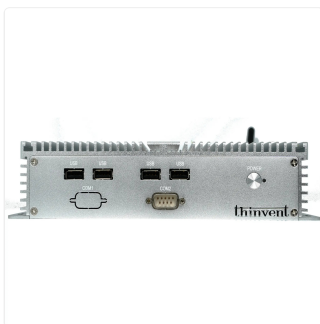
Built to Endure

- Rugged, fanless aluminium construction ensures silent, dust-resistant operation from the factory floor to the IoT edge.
- Thrives in wide temperature ranges, offering steadfast 24/7 performance without interruption.
- A proud 100% Indian design, built with the resilience to meet local industrial challenges head-on.

Always Connected, Always in Control

- Dual LAN and robust dual-band Wi-Fi keep your systems seamlessly integrated and communicating.
- Ready for a vast array of peripherals and legacy equipment with multiple serial and USB ports.
- Pre-installed with the stability of Ubuntu Linux, providing a secure and versatile platform for your critical applications.

From automated production lines to smart kiosks and digital signage, the IPC3 is the dependable, low-maintenance brain you can trust to keep your world running smoothly. Invest in the durable intelligence that never clocks out.



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	512 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	Ubuntu Linux 24.04 LTS
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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
	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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