Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

Quad DB9 Serial

SKU: IPC3-I3_12-4-M512-12_5-M-W_OS-4S

Unleash Uninterrupted Performance in Any Environment: The Thinvent® IPC3 Industrial PC.

Engineered for the toughest challenges, the Thinvent® IPC3 is your robust solution for demanding industrial and IoT applications. Built for 24x7 operation in harsh conditions, this fanless, rugged PC delivers unwavering reliability.

Key Performance Pillars

- Processor: Experience seamless multitasking with the Intel® Core™ i3-1215U processor, featuring 6 cores up to 4.4 GHz and a 10 MB cache.
- Memory & Storage: Swift responsiveness is guaranteed with 4GB DDR4 RAM and a rapid 128GB SSD.

Connectivity Excellence

- Visuals: Versatile display options with 1 HDMI and 1 VGA port.
- Audio: Integrated Speaker Out and Mic In for clear audio.
- Ports: Ample connectivity with 2 USB 3.2, 2 USB 2.0, and 4 front-facing USB 2.0 ports.
- Serial Communication: Extensive serial interface with 6 DB9 male RS232 ports for legacy device integration.
- Networking: Reliable wired 1000 Mbps Ethernet and high-speed Dual Band Wi-Fi 5 (802.11ac).

Designed for Durability

- Power: Efficient 12V 7A adapter, with broad AC input compatibility.
- Environmental Resilience: Operates flawlessly between 0°C and 50°C with 20% ~ 80% RH humidity tolerance.
- Construction: A durable, anodised silver aluminium housing protects internal components.
- Dimensions: Compact at 200mm × 184mm × 52mm.

Certified Quality

- Certifications: RoHS and ISO certified for peace of mind.

Flexibility for Your Needs

- Operating System: Delivered Without OS, allowing you to deploy your preferred software.

Proudly 100% designed in India.

Thinvent Industrial PC IPC3

Specifications

PROCESSING

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

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	2.45kg, 2.87kg

OPERATING SYSTEM

Operating System	Without OS

Thinvent Industrial PC IPC3

Ordering Information

PRODUCT CODE

`IPC3-i3_12-[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