



Thinvent Industrial PC IPC3

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

DOS

SKU: IPC3-I3_13-16_16-M512-12_7-X-
DOS-0



Unleash relentless performance in the toughest environments.

Introducing the Thinvent® Industrial PC IPC3: your ultimate solution for demanding industrial and IoT applications, engineered for unwavering 24x7 operation. 100% designed in India, this rugged, fanless PC delivers exceptional power and reliability where it matters most.

Unmatched Performance

- Experience blazing speed with the Intel® Core™ i3-1315U processor, boasting 6 cores and a turbo frequency of up to 4.5 GHz, backed by a generous 10 MB cache.
- Multitask effortlessly and handle data-intensive tasks with a massive 64GB DDR4 RAM.
- Enjoy lightning-fast boot times and application loading from the 256GB SSD.

Robust Design and Durability

- Designed for harsh conditions, this fanless IPC operates silently and reliably across temperatures from 0°C to 50°C.
- Its anodised silver aluminium housing provides superior thermal management and protection against dust and vibration.

- Compact dimensions of 200mm × 184mm × 52mm ensure flexible installation in confined spaces.

Versatile Connectivity

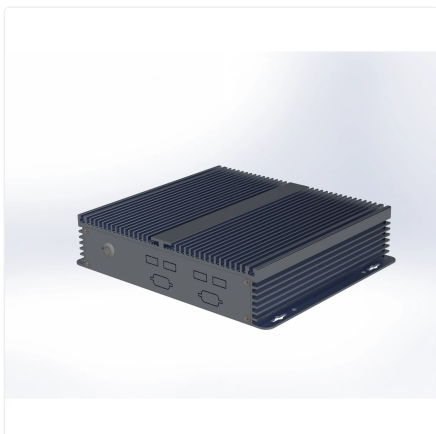
- Connect multiple displays with dedicated HDMI and VGA outputs.
- Access comprehensive peripheral support with 2x USB 3.2, 2x USB 2.0, and 4x convenient front USB 2.0 ports.
- Ensure stable network communication with a dedicated 1000 Mbps Ethernet port.
- Includes speaker out and mic in for audio integration.

Reliable Power and Compliance

- Powered by a robust 12V 7A adapter with a wide AC input range (100~275 Volts), ensuring stable operation.
- RoHS and ISO certifications guarantee quality and environmental compliance.

Flexible Operating System

- Pre-installed with DOS, offering maximum flexibility for custom operating system deployments tailored to your specific industrial needs.



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 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
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POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	2.48kg, 2.90kg

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
	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	
	Thinux = Thinux™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		4S = Quad DB9 Serial	

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