



Thinvent Industrial PC IPC3

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

2TB SSD

Dual Band WiFi

Windows 11 Pro



SKU: IPC3-I3_12-16_16-M2048-12_7-M-11P-0

Unleash Unrivalled Performance in Any Environment.

Experience the Thinvent® Industrial PC IPC3, a 100% Designed in India, rugged, fanless powerhouse built for unwavering 24x7 operation in the toughest industrial and IoT settings. Its durable, anodised silver aluminium housing (200mm × 184mm × 52mm) ensures resilience, protecting against dust and operating reliably from 0°C to 50°C with 20% ~ 80% RH humidity.

Performance Beyond Limits

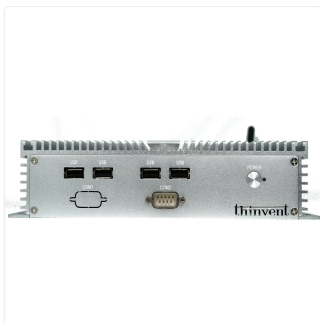
- Intel® Core™ i3-1215U processor: 6 cores, up to 4.4 GHz, 10 MB cache for demanding tasks
- Massive 64GB DDR4 RAM for superior multitasking
- Blazing-fast 256GB SSD for rapid boot and application loading

- Pre-installed Microsoft Windows 11 Pro for modern productivity and security

Robust Connectivity

- Dual display support: 1x HDMI, 1x VGA
- High-speed data transfer: 2x USB 3.2, 6x USB 2.0 (including 4 convenient front ports)
- Seamless networking: Gigabit Ethernet (1000 Mbps), dual-band Wi-Fi 5 (802.11ac)
- Audio integration: Speaker Out, Mic In

This ISO and RoHS certified system, powered by a 12V 7A adapter with a versatile 100~275V AC input and a 2-metre cable, offers unparalleled reliability and versatility, making it the ideal choice for mission-critical applications.



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	2048 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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	2.55kg, 2.97kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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

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

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

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

4S = Quad DB9 Serial

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