



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)

512GB SSD

No WiFi

Ubuntu Linux

SKU: IPC3-I3_12-16_16-M512-12_5-X-U-0



Unleash Unrivalled Performance in Any Environment.

Introducing the Thinvent® Industrial PC IPC3: your ultimate solution for demanding industrial and IoT applications. This 100% designed in India, rugged, fanless computer is engineered for 24x7 operation in even the harshest environments.

Peak Performance For Critical Tasks

- Drive complex operations with the powerful Intel® Core™ i3-1215U processor, featuring 6 cores, up to 4.4 GHz, and 10 MB cache.
- Multitask effortlessly and handle vast datasets with 64GB DDR4 RAM.
- Experience lightning-fast boot-ups and application loading from the reliable 256GB SSD.
- Built on a secure and stable foundation, it comes pre-installed with Ubuntu Linux 24.04 LTS.

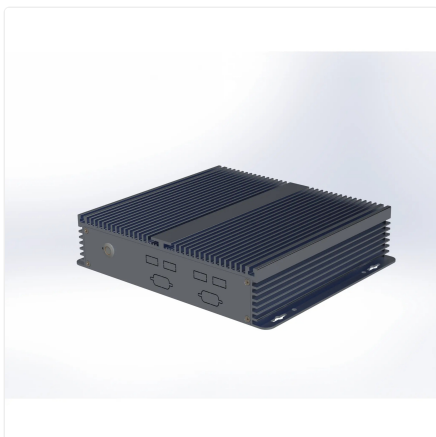
Designed For The Edge

- Its robust, anodised silver aluminium housing (200mm × 184mm × 52mm) offers exceptional durability and a sleek finish.
- Operate reliably from 0°C to 50°C and 20% to 80% humidity, without compromise.
- Benefit from silent, maintenance-free fanless operation, perfect for dust-sensitive areas.

Versatile Connectivity

- Connect essential peripherals with 2x USB 3.2, 6x USB 2.0, Gigabit Ethernet, and dual display outputs (HDMI, VGA).
- Power your setup with a wide range 100~275V AC input, delivering a stable 12V 7A DC.

The Thinvent IPC3 is more than a PC; it's a dependable workhorse certified by RoHS and ISO, ready to empower your industrial future.



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	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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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_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**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 Serialwww.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

