



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)

2TB SSD

No WiFi

Without OS

SKU: IPC3-I3_13-16_16-M2048-12_7-X-W_OS-0



Master the Edge: Unrivaled Rugged Performance, Engineered for Extremes.

Unlock ultimate reliability with the Thinvent® Industrial PC IPC3, a 100% designed-in-India fanless powerhouse built for relentless 24x7 operation in the harshest industrial and IoT environments. Its robust, anodised silver aluminum housing (200mm × 184mm × 52mm) provides exceptional durability, dust, and debris resistance, ensuring consistent performance where standard PCs fail.

Core Strength

- Command complex tasks with the Intel® Core™ i3-1315U processor (6 cores, up to 4.5 GHz, 10 MB cache), engineered for sustained high performance.
- Experience unparalleled multitasking with a substantial 64GB DDR4 RAM.
- Boost productivity with a rapid 256GB SSD for swift data access and application loading.

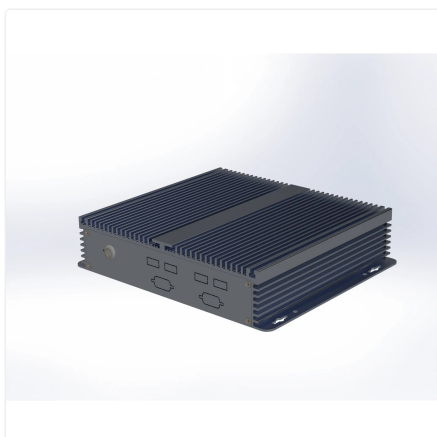
Built for Reliability

- Operate confidently across a wide temperature range: 0°C to 50°C.

- Withstand challenging humidity: 20% to 80% RH, non-condensing.
- Fanless design ensures silent, maintenance-free operation and enhanced longevity in critical setups.
- RoHS and ISO certifications underscore its quality and environmental commitment.

Seamless Integration

- Extensive connectivity for your industrial ecosystem: 1x HDMI, 1x VGA, 2x USB 3.2, 6x USB 2.0 (2 rear, 4 front), 1x 1000 Mbps Ethernet.
 - Audio flexibility: 1x Speaker Out, 1x Mic In.
- Powerful and efficient 12V 7A DC input, supported by a
- wide-range 100~275V AC adapter.
 - Supplied without OS, granting you the freedom to install your ideal industrial operating system. No WiFi for enhanced wired security and stability.



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	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

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	Without OS
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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

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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