Thinvent Industrial PC IPC1

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: IPC1-R5_7-16-M2048-19_3-M-U-0



Quiet power for the work that never stops.

The Thinvent® Industrial PC IPC1 is built for businesses that need dependable everyday computing in demanding spaces. Powered by an AMD Ryzen™ 5 7430U processor, it handles point-of-sale terminals, digital signage, kiosks, factory dashboards and office workstations without hesitation.

Why choose the IPC1

- Silent, fanless operation: With no moving fan, the IPC1 runs quietly and avoids drawing dust into its internals, making it a natural fit for dusty workshops, clinics and production floors.
- Built to keep going: The solid aluminium chassis with a finned, anodised cover dissipates heat efficiently, so the machine stays comfortable through long shifts in environments from 0°C to 40°C.
- Ready for your software: Ubuntu Linux 24.04 LTS comes preloaded, giving you a stable, secure base for kiosk software, monitoring tools or bespoke applications.
- Flexible placement: The compact industrial form factor and VESA mount let you tuck it behind a display, inside a cabinet or onto a machine frame.
- Everyday connectivity: Dual band Wi-Fi and Gigabit Ethernet keep your systems talking to the network, while front and rear USB ports make it easy to attach scanners, printers and peripherals.
- Designed in India: The IPC1 is 100% designed in India, backed by BIS, RoHS and ISO certifications.

  If you are looking for an industrial computer that simply gets on with the job, quietly and reliably, the Thinvent® IPC1 is the sensible choice.



Thinvent Industrial PC IPC1

Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	16 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.2 Gen 1	2
USB 2.0	2
Front USB 2.0	4

NETWORKING

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

POWER

DC Voltage	19 Volts
DC Current	3 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Industrial PC
Thermal Design	Fanless Passive Cooling
Dimensions	199.5mm × 181.5mm × 34.5mm
Packing Dimensions	319mm × 224mm × 85mm
Housing Material	Aluminium
Housing Finish	Powder Coated Base, Anodised Cover
Housing Colour	Black
Net and Gross Weight	0.94kg, 1.17kg

ACCESSORIES

VESA Mount	1

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS

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Ordering Information

PRODUCT CODE

`IPC1-r5_7-[RAM]-[SSD]-19_3-[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	
	m2048 = 2TB			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**Thinux** = Thinux™ Embedded Linux	
	U = Ubuntu Linux			
Accessories	**0** = None		**KM** = Keyboard and Mouse set	
	MK = Mechanical Keyboard		**Mo** = Wired Optical Scroll Mouse	

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