Thinvent Industrial PC IPC1

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: IPC1-R5_7-8_8-M2048-19_3-M-THINUX-0



Fast, focused and built to stay working.

The Thinvent® Industrial PC IPC1 is for teams who need a dependable machine on the desk or on the floor, not a project to maintain.

Why it earns its place

- The AMD Ryzen™ 5 7430U processor with 6 cores keeps everyday work moving, from point of sale and billing to dashboards, kiosks and control room displays.
- Thinux™ Embedded Linux comes ready to use, with Chromium and Firefox for the web, LibreOffice for documents, RDP, VNC and SSH for remote access, and Java, Python and glibc support for your own location applications.
- A solid aluminium housing with an anodised cover and finned design lets heat escape through the body itself, so there are no fans to fail, no noise in the room and no dust pulled inside.
- Dual band Wi-Fi and Gigabit Ethernet keep your terminals, displays and back office systems connected.
- VESA mounting lets you place it behind a screen or on a wall where space is tight.
- BIS, RoHS and ISO certified, and 100 per cent designed in India.

Where it fits

- Retail counters and billing desks
- Factory and warehouse terminals
- Information kiosks and digital signage
- Reception, clinic and office workstations
- Machine side and control room displays

If you want a compact industrial computer that starts quickly, runs quietly and keeps your operation online without constant attention, the 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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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