USER MANUAL

Thinvent® 15" Industrial Panel PC

PPC15-r5_75-8-m256-19_3-X-W_OS-0



Edition November 2026

Serial number: _____

Thinvent Technologies Private Limited · www.thinvent.in

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1. BEFORE YOU START

The Thinvent 15 inch Industrial Panel PC is a computer and a 15 inch screen in one aluminium housing. It has no fan, it is cooled passively, and it is rated IP65. The screen is 1024 × 768 pixels, 350 nits, with a viewing angle of 178° horizontally and vertically. It suits the shop floor, control rooms and kiosks.

- Keep the vents clear, and keep the computer away from water and direct sunlight.
- Use only the power adapter that came with the panel PC.
- Save your work before you shut down. Unsaved work is lost.

Drivers, other files for this computer and the latest edition of this manual are on the Thinvent Support Downloads page: www.thinvent.in/support/downloads. Enter the serial number or the order number of your computer.

2. WHAT IS IN THE BOX

- Thinvent 15" Industrial Panel PC
- 12 V power adapter with a 2 metre cable

3. SPECIFICATIONS

Processing	
Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7530U
Cores	6
Max Frequency	4.5 GHz
Cache	16 MB
Main Memory	8 GB
SSD Storage	256 GB
Display	
Screen Size	15 inch
Resolution	1024 × 768
Brightness	350 nits
Viewing Angle	Horizontal 178°, Vertical 178°
HDMI	1
VGA	1
Audio	
Speaker Out	1
Mic In	1
Connectivity	
USB 3.2 Gen 1	2
USB 2.0	2
Networking	
Ethernet	1000 Mbps
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	
Ingress Protection	IP65

Physical

Form Factor	Panel PC
Thermal Design	Fanless Passive Cooling
Dimensions	370mm × 290mm × 55mm
Housing Material	Aluminium
Net and Gross Weight	4.20kg, 4.78kg

Operating System

Operating System	Without OS

4. PORTS AND CONTROLS

Ports

The computer has these ports:

#	Port	Description
1	HDMI	
2	VGA	
3	USB 3.2 Gen 1 (2)	
4	USB 2.0 (2)	
5	Speaker out	
6	Mic in	
7	Ethernet (RJ45)	1000 Mbps

5. SETTING UP

Connect and switch on

1. Place the panel PC where you will use it.
2. Connect the cable of the power adapter to the DC power socket.
3. Plug the power adapter into a power outlet.
4. Connect the keyboard and mouse to the USB ports, and the network cable to the Ethernet port if you use a wired network.
5. Press the power button to switch on the panel PC.

6. USING THE COMPUTER

Shut down

1. Save your work and close your programs.
2. Select Start, select the Power icon, then select Shut down.
3. If the panel PC does not respond, hold the power button until it switches off.

7. OPERATING SYSTEM

This computer comes with Without OS.

1. Switch the computer on. Windows starts its setup on the first start.
2. Pick your country, keyboard layout and network, then sign in or create a local account.
3. Install the drivers in the Drivers chapter of this manual if Device Manager lists a device without a driver.

8. DRIVERS

Install the drivers in this order. Each one is on the Support Downloads page.

#	Driver	Version
1	AMD Ryzen chipset driver for Windows 10 and 11	8.08.12.551

9. CARE

- Switch off the panel PC and unplug the power adapter before you clean it.
- Wipe the screen with a soft, lint-free cloth moistened with an alcohol-free glass cleaner.
- Do not spray liquid on the panel PC and do not use strong solvents.

10. TROUBLESHOOTING

The panel PC does not switch on

1. Check that the power adapter is plugged firmly into the panel PC and into the outlet.
2. Plug a different device into the same outlet to test it.
3. Disconnect every USB device and the network cable.
4. Hold the power button for 15 seconds until the panel PC switches off, then press it once to switch on.
5. If it still does not start, contact Thinvent Support with the serial number.

The screen is blank

1. Press the power button to switch on the panel PC.
2. Touch a key or move the mouse in case the panel PC is asleep.
3. If you use a second screen on the HDMI or VGA port, check that its cable is firmly connected.

The panel PC does not respond

1. Press Ctrl, Alt and Delete together, select Task Manager, select the program that does not respond, then select End task.
2. If that does not help, restart from the Power icon.
3. As a last step, hold the power button until the panel PC switches off, then switch it on again.

11. SUPPORT

Support Downloads	www.thinvent.in/support/downloads
Email	support@thinvent.in
Phone	+91-11-411-71494
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