

Industrial PC

Core i5 12th Gen

PC087

The 3nStar Industrial PC is a powerful and reliable computing solution designed for demanding commercial and industrial environments. Built with durable aluminum construction, it delivers high performance, extensive connectivity, and flexible expandability, making it ideal for retail, automation, and other professional applications.

Equipped with an Intel® Core™ i5 12th Gen processor, fast SSD storage, and support for up to 32GB of RAM, the PC087 ensures smooth and efficient operation. With dual Ethernet ports, multiple USB interfaces, RS-232 connectivity, built-in Wi-Fi and Bluetooth, and VESA mounting support, it offers the versatility and integration required for modern business infrastructures.



Features

- Industrial-grade aluminum construction
- Intel® Core™ i5 12th Gen processor
- 8GB RAM expandable to 32GB
- 500GB SSD expandable to 1TB
- Dual-band Wi-Fi and Bluetooth connectivity
- Extensive I/O: 2 Ethernet, 8 USB-A, 1 USB-C, and 2 RS-232 ports
- Tripple display support via HDMI, VGA and DisplayPort.
- Compatible with Windows and Linux
- Includes VESA mount for flexible installation



INDUSTRIAL PC PC087



9 USB Ports



Built-in WiFi
& Bluetooth



Dual Gigabit
LAN



Rugged Aluminum
Housing



VESA Mount
Ready



3 Video Outputs
HDMI, VGA, DisplayPort

Physical characteristics	
Construction	Aluminum
Color	Black
Dimensions	55mm x 160mm x 125 mm
Weight	1.5kg.
Performance	
CPU	Intel Core i5 12 th Generation
Memory	8GB expandable to 32GB RAM
Storage	500GB SSD expandable to 1 TB
Connectivity	
Wi-Fi	Dual band 802.11ac, a/b/g, n
Bluetooth	Included
Ethernet	2 RJ45 10/100/1000M
USB	4 USB 3.0, 4 USB 2.0, 1 USB Type-C
RS232	2 RS232 DB9
Video output	1 HDMI, 1 VGA, 1 DisplayPort
Audio Output	3.5mm
Audio Input	Microphone (Combo 3.5")
Operating Systems	
Optional	Support Windows and Linux
Electrical characteristics	
Adapter Output	DC 12V, 5A
Adapter Input	AC 100-240V, 50-60HZ
Environmental conditions	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 90% (non-condensing)
Packaging	
In the box	AC Adapter, VESA Mount
Packing Size	318mm x 254mm x 76mm
Gross weight	2.05Kg.