



Industrial Rack PC

i7 -12th Gen i-Core™

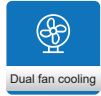
OVPC-210-R4U

4U Industrial PC

The whole machine adopts metal sheet metal structure design, honeycomb heat dissipation structure with fan efficient heat dissipation design scheme, the whole machine is high performance, is specially designed for the server room rack-mounted environment and design of industrial computers, can ensure long and stable work in harsh environments, in the whole machine materials we pay more attention to its reliability, environmental adaptability, real-time, scalability, EMC compatibility and other performance, configuration compatible Intel 12 generation: Core/Pentium/Celeron i3/i5/i7 independent processors, with high-definition display interface and multiple COM interfaces, USB interfaces, to meet the needs of the field of a variety of application interfaces to provide a variety of work efficiency, widely used in industrial control, military, communications, power, network and other automation fields.

Features >>

- Independent CPU, ultra-high AI computing power, powerful performance
- Industrial-grade quality, suitable for various complex application environments.
- Dual-port gigabit network, faster and more stable data transmission
- Rich interfaces, flexible expansion, easy installation
- Support multiple operating systems, compatible with 99% of the market system software



Dual fan cooling



12V-36V



EMI/EMC



i5-6500 CPU



Rich interfaces

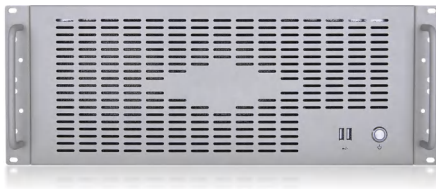


24H operation

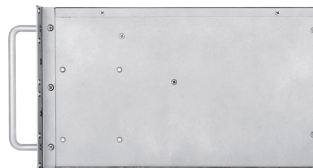


Model >>

Product model	OVPC-210-R4U
Processor	Intel Core i7-12th Gen. CPU



Front



Side



Back

Installation >>

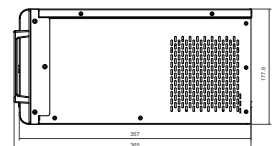
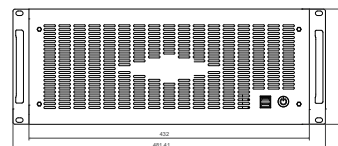


Desktop installation



Rack Mount

Dimensione >>



CPU	Intel Core i7-12th	
RAID	Support RAID0/RAID1	
Memory/RAM	8GB DDR4 (upgradeable 16/32GB)	
Hard Disk	Standard: 1T mechanical hard drive with 4 * SATA3.0 + 1 * mSATA support [3]	
Display	1 * VGA DB15 port + 1 * DVI port + 1 * HDMI port	
Audio Chip	Realtek ALC662 5.1 Channel HD Audio Codec, Support 1 * MIC + 1 * Line-out + 1 * Line-in	
NIC chip	1 * Intel I211AT + 1 * Intel I219-LM for 1000Mbps	
Heat Dissipation System	Intelligent fan cooling	
Operating System	Windows 10/11 , Server 2008/2012, Linux	
BIOS	AMI UEFI BIOS	
Power supply	ATX	
Serial port	Default RS232*1, reserved COM*4; Support: 4 * RS232 + 2 * RS232/RS485 [4]	
USB	8*USB, default USB2.0*4, USB3.0*4	
PS/2	1*PS/2 (mouse and keyboard 2-in-1)	
RJ45	2*RJ45	
RS232	1*RS232	
Expansion Slots	9 * USB: 4*USB3.0 (Rear I/O) + 2*USB2.0(Rear I/O)+3* USB2.0(Header) 8 * GPIO 1 * LPT Header 1 * SMB Header 1 * Front Panel Header 1 * PCIE 16X Slot 1 * PCIE 4X Slot	1 * PCIE 1X Slot 4 * PCI Slot 1 * PS/2 Connector (keyboard or mouse) 2 * Mini PCI-E 1 * SIM Card Slot 3 * CPU Fan Header

Reliability Parameter

Operating temperature	-10°C~60°C(-20°C~70°C can be customized)
Storage temperature	-20 °C ~70 °C
Relative humidity	95% non-Condensing

Other Parameter

Power input	220V power input
Power adapter	24V/2.5A
Chassis structure	Chassis material: SGCC galvanized plate, surface process: spray oil
Body color	Gun black
Overall size	430*299*176mm (W*D*H)
Operating Weight	7.5KG
Installation method	Support desktop and rack installation
Warranty policy	Three years (one year free warranty)

I/O Interface >>

