Maximize store productivity with compact POS box PC

Mio™

MioSERV™ P Series

BIG CAPABILITIES COME IN SMALL PACKAGES

Preliminary

The MioSERV™ P Series, with its flexible and compact design, excels in versatility and functionality. It operates on a robust Qualcomm or an Intel Atom/Core-i platform, making it suitable for diverse roles such as a fixed countertop POS system, quick service kiosk, Kitchen Display System (KDS), digital signage controller, or other industrial applications. Its small footprint and VESA mounting options adapt to various site conditions, even in space-limited applications. The series also boasts a wide range of I/O ports at the rear and front sides for connecting POS peripherals, such as credit card readers, printers, cash drawers, and touch screens, catering to tailored business needs and supporting future system upgrades and feature expansions. This combination of features ensures both high cost-performance value and adaptability in different business environments.

Enterprise-ready, compact solution

- Powered by reliable and proven Qualcomm/Intel platforms
- Choose between Android or Windows OS
- Space-saving form factor for easy integration into any environment

Enhanced control and compatibility

- Broad compatibility with various POS software and peripherals across Android and Windows
- Remote control and update management through MiDM, our in-house MDM solution[1]

Efficiency meets reliability to empower your business

- Multiple connectivity options such as USB, GPIO, RS232, RJ45 LAN for seamless integration with peripherals
- Dual-band Wi-Fi, Bluetooth

Take your customer experience to the next level

- 75x75 VESA mounting option for tailored placement in diverse retail settings
- HD output to fit with screens of different sizes
- Intuitive user interface for quick and easy operation

[1] Our in-house Mobile Device Management platform. Subscription required.

Qualcomm Android

MioSERV™ P Series

Specifications	P200	P550/P650
Platform	Qualcomm® QCM4290, Octa core, up to 2.0GHz	**P550:** Intel Atom® x7-E3950 Processor, Quad core, 2M Cache 1.6-2.0GHz, 12W **P650:** Intel® Core™ i5-1345UE Processor, 10-core, 12M Cache, 1.4-4.6GHz, 15W Intel® Core™ i7-1365UE Processor, 10-core, 12M Cache, 1.7-4.9GHz, 15W
OS	Android™ 13 (GMS), upgradeable to Android™ 14	Win10 IoT Enterprise, LTSC 2021 Value
Memory	3GB RAM / 32GB internal storage (4GB RAM / 64GB internal storage[1])	M.2 slot x1 (64-256GB SSD) **P550:** DDR3L SODIMM x1, up to 8GB (Non-ECC) **P650:** DDR4 SODIMM x2, up to 16GB (Non-ECC)
Wireless Interface	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz)	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz)[1]
	Bluetooth® 5.1 BLE	Bluetooth® 5.2 BLE[1]
Audio	Mic-in, line-out	Realtek ALC888S Codec, with class-D speaker amplifier
Physical Interface	**Front:** MicroSD slot x1 (up to 512GB capacity) USB 2.0 Type A x2 GPIO x4 3.5mm audio jack x1 (mic-in, line-out) Power button with LED indicator x1	**Front:** MicroSD slot x1 (up to 512GB capacity) USB 2.0 Type A x2 RS232 x1 GPIO x4 3.5mm audio jack x1 (mic-in, line-out) Power button with LED indicator x1
	Rear: USB 2.0 Type A x4 RS232 (full function) x2 RJ45 LAN (10/100/1000M) x1 HD video output with audio x1 12V DC jack x1	**Rear:** USB 3.0 Type A x4 RS232 (full function) x1 RJ45 LAN (10/100/1000M) x2 HD video output with audio x1 Display port x1 Antenna hole x2 12V DC jack x1
Buttons	**Back:** power button x1	
Power	**Input**: 12V DC	
	Power Consumption: TBC	
Mechanical Design	75 x 75mm VESA mounting compatible	
Environment	0° to 50°C (32° to 122°F) operating temperature	
	-20° to +60°C (-4° to +140°F) storage temperature	
	Humidity: 25 ~ 90%, non-condensing	
Certification	TBC	
Software	MiTAC Mobile Device Management (MiDM) ready	
Warranty	12 months (extended warranty available)	
Weight	TBC	
Dimensions	TBC	

[1] Optional

Box contents

- **POS box PC main unit**
- **Power adapter with power cord**
- **Quick start guide**

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