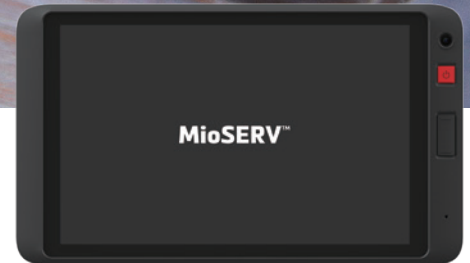


**Enterprise-grade & reliable
mobile POS tablet**



MioSERV™ S840

MODERN PAYMENT SOLUTION FOR SAFE TRANSACTIONS

Preliminary

Optimized for mobile POS and transaction processing, the MioSERV™ S840 is an enterprise-grade Android™ tablet powered by a Qualcomm Octa-core processor with 3rd generation Qualcomm AI Engine, delivering powerful yet energy-efficient performance. Integrated NFC and 8MP camera offer robust ticketing and data capture, whilst 4G LTE ensures connectivity independent of WiFi. The spacious 8" touchscreen featuring an anti-glare coating, glove compatibility, and wet touch functionality, guarantees uninterrupted performance in any situation. It seamlessly integrates with diverse contactless payment modules mounted on its rear. Optimally placed for precise and efficient card reads, it increases customer throughput in various settings such as quick-service restaurants, high-volume concession stands, drive-thrus, coffee shops, public transport, and event ticketing. The MioSERV™ S840 mobile POS stands out as an effective and adaptable solution across a range of payment applications, providing robust contactless capabilities to streamline transactions and elevate business activities.



Reliable, ready to roll

- Android 13.0, Google Mobile Services (GMS) certified
- 8-core Qualcomm processor, on-device AI intelligence
- Built-in 4G LTE, Wi-Fi, NFC, Bluetooth, GNSS



Doubled down on power management

- Enhanced battery core technology to prolong battery life
- Battery life up to 8 hours based on typical usage conditions²
- Monitor battery health in real-time with MiDM cloud platform³



All new solution for payment module

- Slide slot for payment module holder
- Holder support¹: Ingenico Link2500i, Verifone e285, Castle MP200
- Pogo charging contact for charging dock at bottom side



Engineered for diversified environments

- IP54 ingress resistance - 1.2m (up to 1.8m) drop-proof following MIL-STD-810G
- Shock resistant up to 20G peaks following industrial automotive SAE-J1455 standard
- -20° to +60°C operating temperature



¹ Payment module is not included, sold separately by 3rd parties varying by region and country.

² Actual battery life varies depending on factors including network activity, functions enabled, screen brightness, and other application-usage patterns

³ Our in-house Mobile Device Management platform. Subscription required.

SPECIFICATIONS

S840

Display	8" 1280x800 IPS (600 nits, 85° view angle)
Touch Panel	Capacitive multi-touch with optical bonding, glove support & water resistant, anti-glare coating
Platform	Qualcomm® QCM4290, Octa core, up to 2.0GHz
OS	Android™ 13 (GMS), upgradeable to Android™ 14
Memory	3GB RAM / 32GB internal storage (4GB RAM / 64GB internal storage ¹)
Wireless Interface ²	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz) WEP, WPA/WPA2/WPA3 802.11x EAP security standard, WIFI Direct®
	Bluetooth® 5.1 BLE
	GPS (including AGPS) + GLONASS, simultaneously tracking, dual frequency (L1 + L5)
	LTE Cat.6
	EMEA & Australia LTE FDD Band 1/2/3/4/5/7/8/20/28; WCDMA Band 1/2/4/5/8; GSM 850/900/1800/1900MHz
	North America LTE FDD Band 2/4/5/7/12/13/14/17/25/26/66/71
NFC	NFC: MiFare®, FeliCa HF RFID: ISO14443 A&B, ISO15693
Sensors	Accelerometer (G sensor) - auto rotation, Gyro, eCompass, ambient light sensor, vibration motor
Camera	Rear: 8 megapixels, auto focus with flash LED; Front: N/A ¹
Physical Interface	MicroSD slot (up to 512GB capacity)
	Dual Nano SIM slots
	USB Type-C 2.0 (supports OTG)
	24-pin pogo pin connector (charging & data transmission)
	Built-in mic x2 (supports noise cancellation); Built-in speaker x1
Payment	Slide slot for payment module holder, with pogo pin contact (USB, 5V, GND)
	Holder support³: Ingenico Link2500i, Verifone e285, Castle MP200
	Pogo charging contact for charging dock at bottom side
Buttons	Front: power, programmable button x2 (default: volume +/-)
	Soft buttons: on screen Android™ navigation keys
Battery	4,000mAh Li-Po battery
	Battery life up to 8 hours based on typical usage conditions ³
Environment	IP54 and MIL-STD-810G 1.2m/4ft drop resistant (1.8m/6ft with protective caps)
	Vibration & Shock resistance: SAE J1455 standard, up to 20G peaks
	-20° to +60°C (-4° to +140°F) operating temperature ⁴
	-30° to +70°C (-22° to +158°F) storage temperature
	Humidity: 0 ~ 95%, non-condensing
Certification ²	Altitude: operating: 0 ~ 4,572m (15,000ft); non-operating: 0 ~ 12,192m (40,000ft)
	CE/CB, UKCA, FCC/IC, RCM, BQB, ROHS, WEEE (TBD)
Software	MiTAC Mobile Device Management (MiDM), MiLock (Kiosk Launcher), MiBattery Pro (Battery Health Monitoring) ready; SOTI MobiControl compatible
Warranty	12 months (extended warranty available)
Weight	TBD
Dimensions	132.4 x 225.5 x 20.5 mm (5.21 x 8.88 x 0.81")

¹ Optional
² Region dependent
³ Actual battery life varies depending on factors including network activity, functions enabled, screen brightness, and other application-usage patterns
⁴ -20°C (-4°F) with AC input; -10°C (14°F) standalone

Box contents²

- Tablet
- Quick start guide

