A500 Series Handheld Device

Versatile, Rugged Computing for Enterprise and Healthcare











Product Introduction





MioWORK™ A500 series

















Built With Punishing Environments in Mind

Yet lightweight, convenient & attractive

- IP67 water- & dust-resistant
- 1.2m up to 1.8m* drop-resistant following MIL-STD-810G
- Extreme temperatures (-20°C to + 60°C)
- Antimicrobial
- 265 gram (compared to iPad mini at 308 ~ 312g



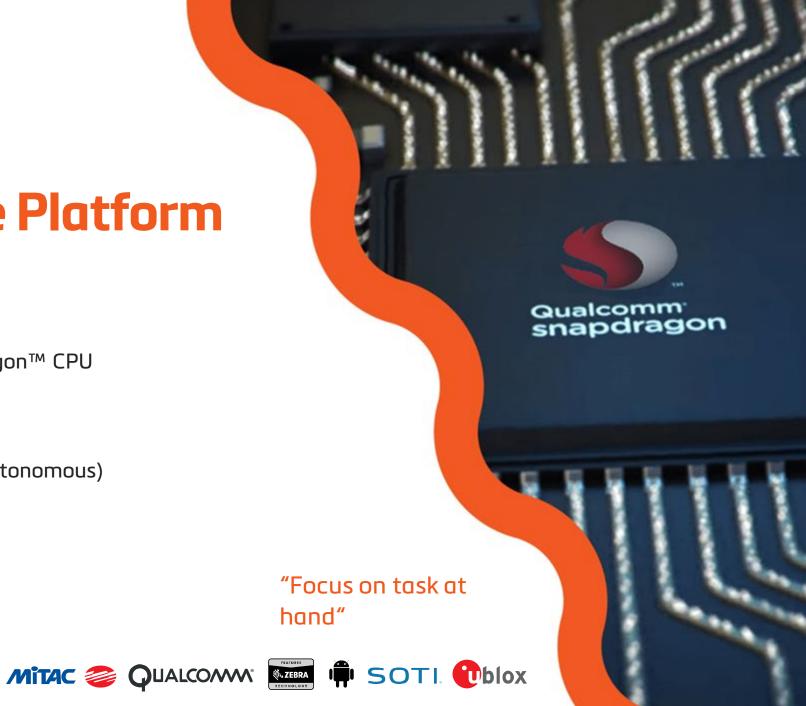


^{*} Requires Protective Cap accessory

High Performance Platform

For uninterrupted performance

- 1.3GHz quad-core Qualcomm[®] Snapdragon™ CPU
- **2GB LPDDR3 RAM**
- Stable & reliable
- Energy efficient architecture (10+ hrs autonomous)





Your Data, Always Protected

Modified Android™ platform for added security

- Android™ 6.0
- Works with existing, market-leading MDM solutions
- NFC for two-factor authentication
- Compatible with existing Android applications (APK's)



Key Features & Advantages





Fast & Accurate Data Capture

Truly best-in-class 1D/2D barcode imager

Zebra **SE4750SR** module including PRZM intelligent imaging platform

Optical character recognition (OCR) up to 110cm scanning-range (Mil Code 39)

Scans worn, creased or partially damaged barcodes with ease

NFC and HF RFID for effortless asset tracking

Front (2M) and rear (8M) camera with Flash

"Lightning fast stocktaking"









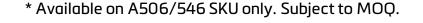


Extended Data Capture

Factory option for mid-range Laser BCR for **up to 6m**

- Zebra **SE4750MR*** module including PRZM intelligent imaging platform
- 437cm decode range based on 100 mil Code 30
- Ideal in industrial multi-tier warehousing applications

"Scanning performance beyond reach"



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Around-the-clock Productivity

User-replaceable hot-swap battery

- 10+ hours operation time
- 4050mAh main & 58mAh back-up battery
- User exchangeable from rear of the device
- Eliminate downtime







4G LTE & Voice Connected

All the desired data, only a 'tap' away

- U-blox LTE CAT 1 module*
- LTE bands 3,7 & 20; GSM 900/1800
- Cellular voice-call (VoLTE) enabled*
- WiFi 802.11a/b/g/n (2.4/5GHz)
- Bluetooth® 4.1 BLE to connect to peripherals





^{*} Available only on A545 / A546

Superior Positioning

Dual-satellite system

High-sensitivity receiver

GPS (+AGPS) + GLONASS + Beidou

CEP50: 1.50m

Hot start: <3s

<37s Cold start:





^{*} Available only on A545 / A546

Brilliant Display for Any Environment

Operate with the touch of a glove

- Dragontrail™ Glass, extremely tough & scratch-resistant
- 5-inch 1280*720 IPS, 5-point multi-touch
- 450 nits high-brightness with optical bonding for sunlight readability
- Ambient light sensor automatically adjusts brightness to environment
- Supports soft-nib stylus





Unified Professional Accessory Eco-system





Charging Cradles

Charge simultaneously – no cable mess

- Combine up to eight single-unit cradles or;
- four single-unit cradles + one 4-slot battery charger or;
- two 4-slot battery chargers
- Charge simultaneously using 19V/120W adapter*



"Simplified practical design with growth & flexibility in mind"













^{*} Available separately

MioWORK™

Pistol Grip

Unified & easy-to-attach design

- Trigger barcode reader
- Unique 'enter-key' feature (programmable)
- Compatible with charging cradle & protective caps
- Easy access to hot-swap battery
- Loop for lanyard (included)







"True one-handed barcode scanning"











Protective Caps

Enhanced ruggedness

- Increases drop-resistance from 1.2m to 1.8m
- Compatible with single-unit charging cradle
- Anti-microbial to meet hygiene standards in Healthcare and Food industries





Removable cradle-insert accommodates for protective caps





"Enhance dropresistance from 1.2m to 1.8m"











Battery & Snap-on charger

Optional EN-60601 charging adapter

- 1.3m Pogo-pin cable for added durability vs. USB-type connector
- Optional 4050mAh spare battery for hot-swap feature















Hand Strap

Comfortable & secure use

- Elasticated flexible material
- Adjustable design
- Allows for removal of rear cover for hot-swap function
- Compatible with charging cradle & protective caps



"Work comfortably for extended periods of time"











Why Use A500 Series in Your User Application?





Healthcare & Pharmacy Management

Antimicrobial. EN-60601 power supply

- Barcode scanning for patient ID
- NFC HF RFID for effective data capture
- Verified MDM solutions improved security & accountability
- IP67 water-proof housing against liquid spillage
- 1.2m up to 1.8m* drop resistant
- Optional EN-60601 medically certified power supply available

* With Protective Cap accessory







Retail & Hospitality

Improved control and efficiency

- Built to survive numerous drops & spills (IP67 & up to 1.8m dropresistant following MIL-STD-810G)
- Ambient light sensor to automatically adjusts screen brightness
- NFC HF RFID capability
- High-capacity battery + hot-swap function for full day shifts
- Professional range of accessories







Delivery & Logistics

Real-time delivery tracking

- Highly accurate GPS receiver (GPS+GLONASS+Beidoo)*
- 4G LTE & Voice connected*
- Zebra SE4750SR BCR
- Soft-nib stylus support for signature capture
- Hand Strap for easy handling of device
- Protective Caps for enhanced 1.8m drop resistance to concrete

* Available only on A545 / A546







Warehousing

Optional 1D/2D Laser BCR with up to 6m extended range

- Zebra SE4750MR with PRZM intelligent imaging platform
- Pistol Grip with unique 'Enter Key' for true one-handed scanning
- Protective Caps for enhanced 1.8m drop resistance to concrete
- WiFi 802.11a/b/g/n (2.4/5GHz)
- Bluetooth® 4.1 BLE to connect to peripherals







^{*} Available only on A545 / A546

Field & Utility Services

Stay connected with field workers

- 4G LTE, Voice and GPS connected*
- 8M camera + NFC HF RFID for **efficient data capture**
- 450 nits touch panel with optical bonding and glove touch & rain support
- Built to last IP67 & up to 1.8m drop-resistance
- Long lasting battery with hot-swap feature

* Available only on A545 / A546









Specifications





MioWORK™

Specifications	A500 WIFI	A505 WIFI	A506 WIFI	A545 LTE	A546 LTE	
Display	5" (1280 x 720) HD wide view angle IPS panel 450 nits					
Touch	Optical bonding, glove support, water-proof and capacitive multi-touch					
Platform	Qualcomm® quad-core 1.3GHz					
OS	Android™ 6.0					
Memory/Storage	1GB RAM / 8GB ROM 2GB RAM / 16GB ROM					
Expansion	MicroSD up to 128GB					
Wireless Interface	WIFI 802.11 a/b/g/n (2.4/5GHz)					
	N/A			4G LTE & VoLTE		
	N/A			GPS, AGPS, GLONASS, Beidou		
	Bluetooth® 4.1 + BLE					
NFC		RFID: ISO14443 and ISO15693				
	N/A	NFC: MiFare, Felica, Calypso and HF RFID tag				
		Sensor area on front side top of device Zebra SE4750SR (1D + 2D)				
BCR	N/A			Zebra SE4750SR (1D + 2D)	Zebra SE4750MR (1D + 2D)	
Camera	N/A	N/A Rear: 8M AF w/ Flash LED, Front: 2M				
Battery	Support hot swappable, 4050 mAh battery, battery life 10 hours + hot swappable					
Sensors	Accelerometer (G sensor), Ambient Light sensor, Proximity sensor					
Physical Interface	MicroSD slot					
	3.5mm Jack: Supports headphone + mic / Supports dongle payment module					
	Pogo pin connector (9 pin), support charging and USB (Host / Client) Function					
	Built-in mic x2, support noise cancellation					
	Built-in speaker x1					
	N/A			Receiver for voice call		
	N/A			Micro SIM slot x1		
Environment	Antimicrobial					
	IP67 and 1.2m drop-resistant					
	-20°C to +60°C operating temperature					
	-30°C to +70°C storage temperature					
	Humidity: 0 to 95%, Non-condense					
Certification	CE / CB / FCC/ IC / BQB / ROHS / WEEE					
Warranty	12 months (extended warranty available)					
Dimension	161*80*16.9 (L x W x H; mm) 161*80*17.5 (L x W x H; mm)				1)	
Weight	255g	265g		275g		









Thank You







