

All-In-One Ruggedness for Diverse Field Solutions



MioWORK™ L1000 Series

MAXIMIZE YOUR EFFICIENCY WITHOUT COMPROMISING RELIABILITY



The all new MioWORK™ L1000 series is an ideal solution for field workforces in outdoor environments with IP67 design and up to 1.5m drop resistance. The large and clear 10-inch touch display can be operated with both wet fingers and gloves*, lending itself to a wide variety of applications. Optical bonding technology maximizes readability in direct sunlight conditions. The L1000 series also comes with built-in NFC reader, optional ultra-fast 1D/2D BCR imager and enhanced 8 megapixels front/rear auto-focus cameras to facilitate your work efficiently without missing a beat. With up to 8 hours of continuous operation and hot-swappable battery technology, the L1000 series keeps staff productivity maximized around-the-clock. Tailored for field service, hospitality, mobile POS and warehousing scenarios, the flexible configuration slot provides I/O port options including RS232, HD video output and LAN to accommodate various usage scenarios.



AER-certified device

- Android™ 9.0 (GMS and non-GMS version)
- Android Enterprise Recommended (AER)
- Access to Google Play Store, featuring millions of applications and security updates to keep your data safe



Efficient data capture

- 8 megapixels front- and rear-camera with auto-focus & LED flash
- Built-in high-speed 1D/2D BCR imager
- Integrated NFC reader at device front



Seamless connectivity anytime, anywhere

- Integrated 4G LTE for round-the-clock connectivity
- Dual-band WIFI 802.11 a/b/g/n/ac & Bluetooth® 4.2, supports BLE
- Dual-satellite system running GPS + GLONASS simultaneously



Tough versatile enterprise-ready design

- IP67, up to 1.5m/5ft drop-resistance
- Optional HD video output/LAN/RS232 ports
- VESA 100x200 mountable
- Antimicrobial housing for frontline medical use and for use in hospitality



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*Subject to glove type/ material thickness.



MioWORK™ L1000 Series

Specifications	L1000	L1005	L1040	L1045
Display	10.1" 1280x800 IPS (600 nits)			
Touch Panel	Capacitive multi-touch with optical bonding, glove support & water resistant, anti-fingerprint coating			
Platform	Qualcomm® Snapdragon™ SDM450 Octa core, 1.8GHz			
OS	Android™ 9.0 (GMS)			
Memory	2GB RAM / 16GB internal storage		2GB RAM / 32GB internal storage	
Expansion	MicroSD slot (up to 128GB)			
Wireless Interface	IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v/w (2.4GHz & 5GHz) WEP, WPA/WPA2 PSK, 802.11x EAP security standard, WIFI Direct*			
	Bluetooth® 4.2 BLE			
	-		GPS (including AGPS) + GLONASS, simultaneously tracking	
	-		LTE Cat.6 (3G/2G fallback*) 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; WCDMA Band 2/4/5	
NFC	NFC: MiFare®, FeliCa HF RFID: ISO14443 A&B, ISO15693			
Sensors	Accelerometer (G sensor) - auto rotation		Accelerometer (G sensor) - auto rotation	
	Gyro		Gyro eCompass	
	Ambient light sensor		Ambient light sensor Barometer	
	Vibration motor		Vibration motor Thermal sensor	
BCR	-	1D/2D Laser (Honeywell N6603 ER)	-	1D/2D Laser (Honeywell N6603 ER)
Camera	Rear: 8 megapixels, auto focus with flash LED; Front: 8 megapixels, auto focus			
Physical Interface	MicroSD slot (up to 128GB capacity)			
	-		MicroSIM slot (SIM 1) and eSIM** (SIM 2)	
	USB Type-C 2.0 (host); USB Type A 2.0 (host)			
	10-pin pogo pin connector (charging & data transmission)			
	Built-in mic x2 (supports noise cancellation); Built-in speaker x1			
	Power DC jack (12V/2A)			
Buttons	Expansion I/O adapter**: HD video output + Power DC jack or RJ45 LAN + RS232			
	Top: power; Front: BCR, programmable button x2 (default: volume +/-) Soft buttons: on screen Android™ navigation keys			
Battery	5,500mAh Li-ion rechargeable battery (hot-swappable, 250mAh back-up battery)			
	Battery life 8 hours + depending on usage (charging status on screen)			
Mechanical Design	100 x 200mm VESA mounting compatible			
Environment	Antimicrobial chassis			
	IP67 and MIL-STD-810G 1.2m/3.9ft drop resistant (1.5m/5ft with protective caps)			
	-20° to +50°C (-4° to +122°F) operating temperature			
	-30° to +70°C (-22° to +158°F) storage temperature			
	Humidity: 0 ~ 95%, non-condensing			
Certification	CE/CB, FCC/IC, UL, BQB, ROHS, WEEE		CE/CB, RCM, NBTC, BQB, ROHS, WEEE	
	Altitude: operating: 0 ~ 4,572m (15,000ft)			
Software	MiTAC Mobile Device Management (MiDM), MiLock (Kiosk Launcher) ready; SOTI MobiControl compatible			
Warranty	12 months (extended warranty available)			
Weight	840g (29.7oz)			
Dimensions	272.9 x 182.3 x 7.9/18.7mm (10.74 x 7.18 x 0.31/0.74")			

* Region dependent ** Optional

Box contents

- MioWORK tablet device
- Battery
- Power adapter with power cord
- USB Type-C cable
- Quick start guide





MioWORK™ L1000 Series

DOCKING STATION

Sold separately - PN: 5413N6300008

▶ CHARGING STATUS LED

Indicated charging status of tablet and spare battery separately

▶ USB TYPE-C 2.0 (HOST)

Connect to USB peripheral

▶ USB TYPE-A 2.0 (HOST)

Connect to USB peripheral

▶ BATTERY CHARGING SLOT

Charge spare hot-swap battery

▶ RJ45 LAN

For Ethernet data transfer when tablet is docked

▶ DC-IN (12V)

Charging via power adapter

▶ LIQUID DRAINAGE DESIGN

Open sides and sloped design ensure liquids are not retained in the cradle base

▶ 10-PIN POGO CONNECTOR FOR DATA SYNC AND CHARGING

Durable for increased reliability

Specifications

Physical Interface	10-pin pogo pin connector (charging/data)
	USB Type-C 2.0 (host) x1, USB Type A 2.0 (host) x1
	RJ45 LAN x1
	Power DC jack
	Battery charging slot
Power Interface	12V power input
LED Indicator	Power input (green) x1, battery charging status (orange / green) x1
Mechanical Design	Liquid drainage feature
Environment	Temperature: 0° to 40°C (32° to 104°F) operating; -20° to +60°C (-4° to +140°F) storage Humidity: 0 ~ 95%, non-condensing
Certifications	CE/CB, FCC/IC, UL, ROHS, WEEE
Weight	500g (17.7oz)
Dimensions	185 x 100 x 83.8mm (7.28 x 3.94 x 3.3")



MioWORK™ L1000 Series



VEHICLE CRADLE

Sold separately - PN: TBD



MOUNTING SCREW HOLES

75 x 75 VESA mount & AMPS mount compatible

EXTERNAL I/O PORTS

Connect to vehicle power and peripherals

POWER SWITCH

Conserve vehicle battery power

KENSINGTON LOCK SLOT

Prevent unauthorized removal

KEYLOCK WITH INDICATOR

Lock tablet in place with visible lock status indicator

RAPID UNDOCKING

Quick one-hand tablet removal

PROGRAMMABLE FUNCTION KEYS

Quickly adjust settings or execute custom commands

Specifications

Physical Interface	6-pin fleet port (Tx/Rx, IGN, power input)
	10-pin pogo pin connector
	DE-9 male connector (RS232, with power output, 5V/1A)
	DE-9 female connector with DE-9 to USB cable:
	USB Type A 2.0 x2 (host, 5V/0.5A x1, 5V/1A x1) or USB Type A 2.0 x1 (client)
Buttons	F1 ~ F8 programmable function keys on front side
	Power switch to isolate external power; power switch LED (green color) on front side
Power Input	Option 1: Fleet port: 12/24V vehicle power system (9~32V wide DC input, ISO-7637-2 compliant)
	Option 2: Compatible with isolated power adapter like Lind (20~60V DC input, for forklift battery) via Lind power cable
	Option 3: Charging from cigarette lighter via cigarette power cable
Ignition	IGN = H (> 3.3V), 12V (tablet power-in) on IGN = L (< 0.3V), 12V (tablet power-in) off
Mechanical Design	Anti-theft design with key lockable cradle (lock at front side with 2 keys)
	Kensington lock x1
	75 x 75mm VESA mount and AMPS mount compatible
Environment	Temperature: -20° to +50°C (-4° to +122°F) operating; -30° to +70°C (-22° to +158°F) storage
	Humidity: 0 ~ 95%, non-condensing
	Vibration (attached tablet): MIL-STD-810G
	Shock (attached tablet): MIL-STD-810G
	IP52
Certification	EN 50498, CE/CB, ROHS, WEEE
Weight	450g (15.9oz)
Dimensions	228.6 x 132.2 x 71.3mm (9 x 5.2 x 2.81")

Accessories

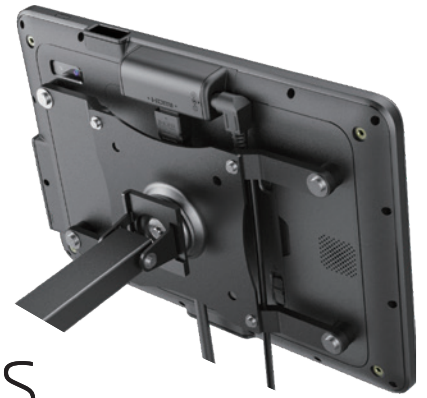
- Fleet cable
- Dual USB host Y cable (0.3m)
DE-9 (male) to USB Type A (female) x2
- Lind power cable* (1.8m)
fleet port (male) to DC-in jack (male)
- USB client cable* (0.3m)
DE-9 (male) to USB Type A (male) x1
- Cigarette power cable* (1.8m)
fleet port (male) to cigarette lighter



* Available to purchase on demand only

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MioWORK™ L1000 Series

ACCESSORIES GUIDE



Available to purchase on demand only
PN: TBD

▶ EXPANSION I/O ADAPTERS

Reserved slots on the top side of device for versatile applications.
Option 1: Power DC jack + HD video output
Option 2: RJ45 LAN + RS232



Sold separately
PN: 5416N6300011

▶ PROTECTIVE CAPS

Four-part shell fitted with tough rubber corners seamlessly integrate into tablet design. Enhance drop-resistance by 1.2m/3.9ft to 1.5m/5ft. Compatible with Neck and Hand Strap.



Sold separately
PN: 5413N6300013

▶ SPARE BATTERY

5,500mAh Li-ion rechargeable battery pack.



Sold separately
PN: 5416N6300013

▶ HAND STRAP

Detachable and adjustable hand strap designed for durability and comfort.



Sold separately
PN: 5416N6300012

▶ NECK STRAP

Neck strap for comfortable and prolonged use in the field.
Quick-release fastening clips for efficient attachment and removal.



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