

**Rugged, Optimized Mobility
Ready for Fleet Management
and Logistics**



MioWORK™ F740s

MAXIMIZE YOUR PRODUCTIVITY WITH THE NEXT GENERATION TABLET

The all new MioWORK™ F740s is a lightweight and ruggedized Android™-based tablet that enables seamless operation anytime and anywhere, even in demanding conditions. Driven by a Qualcomm® Octa-core processor, the F740s provides ample computing power whilst balancing battery life. The device features a 7-inch touch screen with anti-glare coating. Rain and glove support further maximizes the tablet's usability and readability in both outdoor and in-vehicle environments. High-speed 4G LTE, dual-band WiFi (802.11 a/b/g/n/ac) and precision GPS technology allow remote access and asset management with ease. The design follows military-grade drop resistance of up to 1.8m/6ft and is IP54-rated for ingress protection. The F740s range further offers choice of four types of purpose-built active in-vehicle cradles, which are built according to SAE-J1455 industrial automotive standards for vibration resistance. The MioWORK™ F740s is ready to be integrated into worksites that need mobility and reliability, particularly fleet management, field service and logistics application.



GMS-certified device

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



Efficient data capture

- 8 megapixels auto-focus rear-camera with LED flash
- Easy access to integrated NFC / HF RFID reader



Dedicated active cradle

- Quick release button for out-of-vehicle use
- Easily attach USB devices through USB port (host)
- Sync data from most black-boxes through fleet port
- Optional I/O such as Video-in, Dead-Reckoning and External GPS Antenna



All-round affordable ruggedness

- IP54 ingress resistance - 1.2m/4ft (up to 1.8m/6ft) drop-proof following MIL-STD-810G
- Shock resistant up to 20G peaks following industrial automotive SAE-J1455 standard





MioWORK™ F740s



SPECIFICATIONS

Display	7" 1024x600 IPS (600nits, 85° view angle)	
Touch Panel	Capacitive multi-touch with optical bonding, glove support & water resistant, anti-glare coating	
Platform	Qualcomm® Snapdragon™ SDM450 Octa core, 1.8GHz	
OS	Android™ 9.0 (GMS)	
Memory	2GB RAM / 32GB ROM	
Expansion	MicroSD slot (up to 128GB)	
Wireless Interface	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz), WPA/WPA2 security standard, WiFi Direct®	
	Bluetooth® 4.2 BLE	
	GPS (including AGPS) + GLONASS, simultaneously tracking	
	LTE Cat.6 (3G/2G fallback*)	North America
NFC	EMEA & Australia	LTE FDD Band 2/4/5/7/12/13/14/17/25/26/66/71;
	LTE FDD Band 1/2/3/4/5/7/8/20/28;	WCDMA Band 2/4/5
	WCDMA Band 1/2/4/5/8;	
	GSM 850/900/1800/1900MHz	
NFC	NFC: MiFare®, FeliCa RFID (HF): ISO14443A&B, ISO15693	
Sensors	Accelerometer (G sensor) - auto rotation	eCompass
	Gyro	Ambient light sensor
	Vibration motor	
Camera	Rear: 8 megapixels, auto focus with flash LED; Front: N/A**	
Physical Interface	MicroSD slot (up to 128GB capacity)	
	MicroSIM slot (SIM 1) and eSIM** (SIM 2)	
	USB Type-C 2.0 (supports OTG)	
	18-pin pogo pin connector (charging & data transmission)	
	Built-in mic x2 (supports noise cancellation)	
	Built-in speaker x1	
Buttons	Front: power, programmable button x2 (default: volume +/-) Soft buttons: on screen Android™ navigation keys	
Battery	4,000mAh Li-ion Polymer Battery life 10 hours + depending on usage (charging status on screen)	
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***	
	-30° to +70°C (-22° to +158°F) storage temperature	
	Humidity: 0 ~ 95%, non-condensing Altitude: operating: 0 ~ 4,572m (15,000ft); non-operating: 0 ~ 12,192m (40,000ft)	
Certification	CE/CB, FCC/IC, RCM, BQB, E-mark, ROHS, WEEE	
Software	MiTAC Mobile Device Management (MiDM) ready	
Warranty	12 months (extended warranty available)	
Weight	480g (16.9oz)	
Dimensions	132 x 210.8 x 17/20.55mm (5.20 x 8.30 x 0.67/0.81")	

* Region Dependent

** Optional

*** -15°C (5°F) operating stand-alone

-20°C (-4°F) operating with AC input

Box contents*

- MioWORK tablet device
- Active cradle
- USB Type-C to USB Type A cable
- Micro USB to USB Type A cable
- Car charger
- Quick start guide





MioWORK™ F740s



ACTIVE IN-VEHICLE CRADLE



▶ **RELEASE BUTTON**
Key lock mechanism optional*

▶ **POGO PINS (CHARGE, SYNC)**
Reliable & Increased durability

▶ **DOCKING ALIGNMENT MAGNETS**

▶ **EXTERNAL GPS JACK***
Enhance positioning accuracy

▶ **MOUNTING SCREW HOLES**

AMPS RAM mount compatible



▶ **USB TYPE A 2.0 (HOST)**
Ethernet compatible
Can insert flash drives

▶ **TABLET SCREW HOLES**

Secure tablet to cradle
(tablet non-removable)

▶ **DEAD RECKONING***
Maintain speed and location calculation when
GNSS reception is poor

▶ **3.5MM JACK**

Supports audio out / mic in

▶ **MICRO USB (HOST/CHARGING)**
Charge via 12/24V vehicle adapter
GPS cradle: no charging, host mode only

▶ **VIDEO-IN***

Connect to back-up/reverse camera

▶ **FLEET PORT**
Black box connectivity & charging (6-pin Molex)

* Optional depending on cradle SKU

Specifications	Standard Cradle	Video Cradle	GPS Cradle	Lockable Cradle
Part Number	5413N5640001	5413N6350002	5413N6350003	5413N6350004
USB 2.0	USB Type A (host) x1 Micro USB (charging) x1	USB Type A (host) x1 Micro USB (charging) x1	USB Type A (host) x1 Micro USB (host) x1	USB Type A (host) x1 Micro USB (charging) x1
I/O Ports	6-pin fleet port (Tx/Rx, 12/24V, IGN), support RS232C			
Audio	3.5mm headset jack x1			
Video-in	no	yes	yes	yes
GNSS + external GPS Antenna jack	no	no	U-blox NEO-M8L (3x GNSS concurrently)	no
Dead Reckoning	no	no (for reverse signal input only)	yes (speed line, reverse signal)	no (for reverse signal input only)
Lock Function	no	no	no	yes
Power Interface	Option 1: Fleet port: 12/24V vehicle power system (9~32V wide DC input, ISO-7637-2 compliant)			
	Option 2: Car charger (5V/2A) input via Micro USB	Option 2: Car charger (5V/2A) input via Micro USB	no	Option 2: Car charger (5V/2A) input via Micro USB
Environment	Temperature: -20° to +60°C (-4° to +140°F) operating* -30° to +70°C (-22° to +158°F) storage Humidity: 0 ~ 95%, non-condensing			
Certification	CE/CB, FCC/IC, RCM, E-mark, ROHS, WEEE			
Weight	105g (3.7oz)			150g (5.3oz)
Dimensions	117.4x107x38.7mm (4.62x4.21x1.52")			117.4x107x56mm (4.62x4.21x2.2")

* -15°C (5°F) with tablet operating stand-alone; -20°C (-4°F) operating with AC input

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MioWORK™ F740s

ACCESSORIES GUIDE



Sold separately
PN: 5416N5640012

▶ PROTECTIVE CAPS

Two-part shell fitted with tough rubber corners seamlessly integrate into tablet design. Enhance drop-resistance by 1.2m/4ft to 1.8m/6ft. Compatible with In-Vehicle Cradle and Hand Strap.



Sold separately
PN: 5416N5640010

▶ HAND STRAP

Flexible elasticised Hand Strap for effortless balancing of tablet in one hand. Compatible with In-Vehicle Cradle and Protective Caps.



Sold separately
PN: 5416N5640003

▶ FLEET CABLE

Sync data from the vehicle black box and charge your device without the need of a separate car charger.



Available to purchase on demand only
PN: 5413N5640002

▶ CAR CHARGER + MICRO USB CABLE

5V/2A car charger for in-vehicle use with detachable micro USB cable.



Sold separately
TBD

▶ GPS ANTENNA

Connect to GPS Cradle and provide satellite information for enhanced positioning accuracy.



Available to purchase on demand only
PN: 5416N5640004

▶ FASTENING CLIPS

Fastening clips to tidy up cabling to and from the vehicle cradle.



Sold separately
PN: 5412N5640001

▶ SUCTION MOUNT

Composite mount with large gel-pad suction cup for extra secure fit.