

**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 AV-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*)	
NFC	EMEA & Australia	North America
	LTE FDD Band 1/2/3/4/5/7/8/20/28;	LTE FDD Band 2/4/5/7/12/13/14/17/25/26/66/71;
	WCDMA Band 1/2/4/5/8;	WCDMA Band 2/4/5
	GSM 850/900/1800/1900MHz	
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, BQB, E-mark, ROHS, WEEE	
Software	MiTAC Mobile Device Management (MiDM) ready	
Warranty	12 months (extended warranty available)	
Weight	436g (15.4oz)	
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 cable
- 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

▶ **AV-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	TBD	TBD	TBD
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			
AV-in	no	yes	yes	yes
GNSS + external GPS Antenna jack	no	no	U-blox NEO-M8L (3x GNSS concurrently)	no
Dead Reckoning	no	yes	yes	yes
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	FCC, IC, CE, E-mark, ROHS, WEEE			
Weight	105g (3.7oz)			TBD
Dimensions	117.4x107x19.5mm (4.62x4.21x0.77")			TBD

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

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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.