Versatile, Rugged Computing For Logistics, Fleet Management And Field Services.

MioWORK™ F700 Series

DEVELOPED INSIDE OUT FOR DEMANDING EVERYDAY ENVIRONMENTS

The MioWORK™ F700 series is a highly versatile tablet featuring a 7" capacitive multi-touch panel with glove sensitivity. Running on Android™ OS, its lightweight yet ruggedized IP54 casing features a 1.2m drop- and 20G shock resistance, meaning it is ready for use in demanding everyday environments. Featuring a Dual-satellite system using GPS and GLONASS simultaneously, locational precision is assured, while the in-built NFC & HF RFID capability helps you keep track of your assets. The device comes with an easy-release active vehicle cradle compatible with standard RAM mounting solutions for vehicle and forklift use, and can be hardwired to existing Telematics hardware. Doing so transforms the F700 series into your ideal fleet tracking platform.

Efficient Data capture

- Integrated NFC / HF RFID sensor at device front
- 2MP front- and 8MP rear-camera with LED flash

Real-time precision tracking

- Dual-satellite system running GPS + GLONASS simultaneously
- Integrated 4G LTE for round-the-clock connectivity*

Dedicated active cradle

- Quick release button for out-of-vehicle use
- Charge and sync data from most black-boxes
- AMPS RAM-mount compatible for various scenarios

All-round affordable ruggedness

- IP54 ingression resistant- 1.2m (up to 1.8m*) drop-proof following MIL-STD-810G
- Shock resistant up to 20G peaks following automotive SAE-J1455 standard

MiTAC · QUALCOMM · Android · SOTI · u-blox

MioWORK™ F700

Specifications	F700	F740
Display	7" 1024x600 IPS (630nits, 85° view angle)	
Touch Panel	Capacitive multi-touch with optical bonding, glove support & water resistant	
Platform	Qualcomm APQ8009 Quad core 1.3GHz	
OS	Android™ 9.0	
Memory	2GB RAM / 16GB internal storage	
Expansion	MicroSD up to 128GB (FAT32)	
Wireless Interface	WIFI 802.11 b/g/n (2.4GHz), WPA/WPA2 security	WIFI 802.11 a/b/g/n (2.4/5GHz), WPA/WPA2 security
	Bluetooth 4.1 BLE	
	GPS (including AGPS) + GLONASS, can run simultaneously	
	N/A	LTE - Cat 1 band 3, 7, 20; GSM band 900/1800
NFC	RFID (HF): ISO14443A&B, ISO15693	
	NFC: MiFare and Felica	
	Sensor area on top front of device	
Sensors	Accelerometer (G sensor) - auto rotation	
	Ambient light sensor	
	Thermal sensor	
	Vibration motor	
Camera	Rear: 8M, AF w/ flash LED, front: 2MP	
Physical Interface	MicroSD slot	
	MicroUSB (support OTG)	
	18 pogo pins connector (charging, cradle power & data transmission)	
	Built-in mic x2, supports noise cancellation	
	Built-in speaker x1 (2W, 40Ø)	
Buttons	Front: power, programmable buttons x2 (default: volume +/-)	
	Soft buttons: on screen Android navigation keys (menu, home, return)	
Battery	4000mAh Li-ion Polymer	
	Battery life 10 hours + depending on use (charging status on screen)	
Environment	IP54 and 1.2m drop resistant (following MIL-STD-810G)	
	Vibration & shock resistance: SAEJ1455 standard, up to 20G peaks	
	-20 ~ + 60° operating temperature*	
	-30 ~ +70° storage temperature	
	Humidity: 0 ~ 95%, Non-Condense	
	Altitude: operating: 0-15,000ft; non-operating: 0-40,000ft	
Certification	CE/CB, FCC/IC, BQB, E-mark, ROHS, WEEE	
Warranty	12 months (extended warranty available)	
Weight	466g	485g
Dimensions	132x210.8x17/20.55mm	
Part no.	5262N5640002	5262N5640015

* -15° operating stand-alone ; -20° operating with AC input
** Region Dependent

Box contents**

- **MioWORK F700/F740 tablet device**
- **Active in-vehicle cradle kit (incl. screws)**
- **AC charger with UK/EU plug**
- **Micro–USB cable**
- **Quick Start Guide**
- **Warranty Statement**

MioWORK™ F700

DEDICATED ACTIVE IN-VEHICLE CRADLE
PN: 5413N5640001

▶ **RELEASE BUTTON**
Connect and detach tablet with ease

▶ **MAGNETS**
Aligning tablet to cradle for easy docking

▶ **SCREW HOLES**
AMPS RAM mount compatible

▶ **3.5MM JACK**
Supports audio out / mic in

▶ **POGO PINS FOR CHARGING AND SYNCING**
Reliable & Increased durability

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

▶ **MICRO-B USB FOR CHARGING**
Charging via 12/24V car charger

▶ **FLEET PORT**
Black box connectivity & charging

Specifications

Physical Interface	Fleet port: 6-pin connector (Tx/Rx, IGN). Input 12/24V, Output: 5V
	18-pin Pogo connector (charging/data) · headset jack, support audio out and mic in (CTIA / AHJ standard)
	USB 2.0 Type A (x1), host mode (5V/1A output) · Micro-B USB (charging only)
Ignition	IGN=H (>2.2V), 5V ON · IGN=L (<0.3V), 5V OFF
Power Interface	Cradle powered by tablet. Works without 12/24V input
	Option 1: Fleet port: 12/24V car power system (9~32V wide DC input, ISO-7637-2 compliant)
	Option 2: Vehicle car charger (5V/2A) input via micro-B USB
Mechanical Design	Magnets for easy alignment of tablet and cradle · RAM mount compatible (AMPS holes)
	Two screw holes to attach cradle to tablet (requires tool to unfix)
Environment Conditions	-20⁰C to +60⁰C operating* · -30⁰C to +70⁰C storage · Humidity: 0~95%, Non-Condensing
Certifications	FCC, IC, CE, and UN Reg. 10 (E mark), ROHS, WEEE
Weight	105g
Dimensions	117.4x107x38.7mm

* -15° with tablet operating stand-alone ; -20° operating with AC input

MioWORK™ F700 Series

ACCESSORIES GUIDE

Sold separately
PN: 5416N5640012

▶ PROTECTIVE CASING

Two-part shell fitted with tough rubber corners seamlessly integrate into tablet design. Enhances drop-resistance by 0.6m to 1.8m. 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 Casing.

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-B USB

12/24V car charger for in-vehicle use with detachable Micro-B USB cable.

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.