

# MODAT-532

## Mobile Data Collector



### Features

- Stylish rugged design and ultra-light industrial Android mobile device
- Octa-Core Cortex A53 64bit 1.7 GHz Processor
- 5.3" display PDA
- Optional GSM 850/900/1800/1900 WCDMA 2100/1900/850/900 4G LTE FDD (Band 1,2,3,7,8,20) TDD (Band 38,39,40,41)
- Micro USB port and microSD card slot (max. 32 GB) for maximum connectivity
- Android 5.0 OS
- 1D/2D imager scan engine
- NFC (device to device communication, card reader).



### Specifications

Model	MODAT-532A-QA53-R20		MODAT-532A-QA53-ET-R20	
Display	LCD size	5.3"		
	Brightness (cd/m <sup>2</sup> )	350 cd/m <sup>2</sup>		
	Max. Resolution	540(H) x 960(V)		
	Viewing Angle	80/80/80/80 Deg.		
	Touchscreen	5-point capacitive		
System	CPU	Octa-Core Cortex A53 64bit 1.7 GHz		
	Operating System	Android 5.0		
	Memory	16GB eMMC 2G LPDDR2		
	Storage	microSD slot up to 32GB		
Communication	Wi-Fi	802.11a/b/g/n		
	Bluetooth	4.0 LE		
	Modem (Optional)	GSM ( 800, 900, 1800, 1900) WCDMA (2100, 1900, 850, 900) 4G FDD(Band1,2,3,7,8,20), TDD(38,39,40,41)		
	GPS	GPS / Glonass		
Data Collection	NFC	Yes		
	Barcode	1D/2D imager scan engine	N/A	
	Camera	13-megapixel AF rear camera		
Indicators & Buttons	LED Indicators	Green/Red		
I/O Interface	Audio	1x 0.5W Speaker 1x Headset / Mic-in		
	USB	1x High-speed Micro USB 2.0 Host		
Power	Power Adapter	5V/3A		
	Battery	3900 mAh		
Enviroments	Operating Temperature	-10°C ~ 50°C		
	Storage Temperature	-20°C ~ 60°C		
	Humidity	10% ~ 95%, non condensing		
	Drop Survival	1.5m		
	Environmental Protection	IP 67		
Physical	Dimensions (L x W x H)	160.9 mm x 85.4 mm x 28.85 mm		
	Weight	386 g		



**Optional Accessory List**

Item	Part No.	Description
Cradle	MODAT-531A-CR01-R10	MODAT-531 charging cradle
MODAT-531 Standard Pouch	7Z000-MODAT531APOUCH	MODAT-531A pouch, black



**Packing List**

Item	Part No.	Q'ty
USB Cable	32001-014300-100-RS	1
AC-DC Adapter	63040-480015-001-RS	1
Hand Strap	46035-000300-RS	1

**Cradle Specification**

Model	Description	
I/O Interface	DC Input	1 x Micro USB Jack
Power	Power Supply	5V/3A
Environment	Operating Temperature	-10°C ~ 50°C
	Storage Temperature	-20°C ~ 60°C
	Humidity	10% ~ 95% non condensing
Physical Characteristics	Dimensions (LxWxH) (mm)	115.0 x 66.0 x 50.4
	Weight	194 g

**Ordering Information**

Part No.	Description
MODAT-532A-QA53-ET-R20	5.3" 350 cd/m <sup>2</sup> , Capacitance Touch, Android 5.0 PDA with Octa-core Cortex-A53 1.7 GHz, 802.11 a/b/g/n WiFi, 4.0 LE Bluetooth, GSM(3G, LTE), GPS, FM, 13M pixel camera, 2GB LPDDR3, 16GB eMMC, NFC, RoHS
MODAT-532A-QA53-R20	5.3" 350 cd/m <sup>2</sup> , Capacitance Touch, Android 5.0 PDA with Octa-core Cortex-A53 1.7 GHz, 802.11 a/b/g/n WiFi, 4.0 LE Bluetooth, GSM(3G, LTE), GPS, FM, 13M pixel camera, 1D/2D barcode, 2GB LPDDR3, 16GB eMMC, NFC, RoHS

**Enterprise PDA Mobility Management Solution**

- Stylish rugged IP67 design and ultra-light industrial PDA mobile device with Android 5.0 OS system
- MODAT-532 NFC (Near field communication) can be used as mobile terminal which allows your association to identify users
- Enhancing on-duty staff work force and mobility, all data and information captured by MODAT-532 can be transferred via wireless communication providing real-time response without any lost.
- Octa-Core Cortex A53 64bit 1.7 GHz Processor, 5.3" mobile PDA phone.
- GSM 850/900/1800/1900
- Optional GSM 850/900/1800/1900
- Optional WCDMA (2100,1900,850,900) 4G LTE FDD(Band1,2,3,7,8,20), TDD(38,39,40,41)

