

# 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

|                          |  |
|--------------------------|--|
| Communication            |  |
| Bluetooth                | 4.0 LE                                     |
| GPS                      | GPS / Glonass                              |
| modem                    | GSM ( 800, 900, 1800, 1900)                |
|                          | WCDMA (2100, 1900, 850, 900)               |
|                          | 4G FDD(Band1,2,3,7,8,20), TDD(38,39,40,41) |
| Wi-Fi                    | 802.11a/b/g/n                              |
| Display                  |  |
| Brightness(cd/m2)        | 350  |
| LCD Size                 | 5.3"                                       |
| Max Resolution           | 540(H) x 960(V)                            |
| Touch Screen             | 5-point capacitive                         |
| Viewing Angle            | 80/80/80/80 Deg.                           |
| Environment              |  |
| Humidity                 | 10% ~ 95%, non condensing                  |
| Operating Temperature    | -10°C ~ 50°C                               |
| I/O Interface            |  |
| I/O Interface            | 1 x WIFI(802.11a/b/g/n)                    |
|                          | 1 x USB 2.0(Micro USB)                     |
|                          | 1 x Mic                                    |
|                          | 1 x Speaker(0.5W)                          |
| Physical Characteristics |  |
| Dimensions (LxWxH) (mm)  | 160.9 mm x 85.4 mm x 28.85 mm              |
| Power                    |  |
| Battery                  | 3900 mAh                                   |
| Power adapter            | 5V/3A                                      |
| System                   |  |

|                 |                                    |
|-----------------|------------------------------------|
| CPU             | Octa-Core Cortex A53 64bit 1.7 GHz |
| On-board Memory | 16GB eMMC                          |
|                 | 2G LPDDR2                          |
| Weight          |                                    |
| Weight          | 386 g                              |

## Ordering Information

|                        |  |
|------------------------|--|
| 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 |
| 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                |

## Packing List

|                |                   |
|----------------|-------------------|
| 1 x USB Cable  | 1 x AC-DC Adapter |
| 1 x Hand Strap |                   |