

# DATA SHEET



## AGX X6 RFID (LF/HF/NFC) 6" display Auto-ID & RFID Handheld

### Product Description (partially optional)

#### Main Features

Industrial extremely rugged PDA  
IP67  
Qualcomm Snapdragon 626 MSM8953 Octa-Core 2,2MHz  
4G/LTE, GSM/GPRS/EDGE, WLAN  
6" Capacitive 10 points Multi-Touch Display

1D/2D barcode scanner (optional)  
13 MPixel auto focus camera & flash  
A-GPS receiver with integrated antenna (optional)  
Standard Power Pack 8.000mAh battery  
Android 8.1 Oreo (GMS)  
RFID LF, HF/NFC (optional)

#### Product pictures

Optional RFID LF (125- 134,2kHz) or HF/NFC (13,56 MHz)



Standard device

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#### Typical Applications

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| <ul style="list-style-type: none"> <li>•Manufacturing</li> <li>•Security</li> <li>•Waste management</li> <li>•Logistics</li> </ul> | <ul style="list-style-type: none"> <li>•Health Care</li> <li>•Asset management</li> <li>•Food</li> <li>•Transportation</li> </ul> | <ul style="list-style-type: none"> <li>•Service Maintenance &amp; Diagnostics</li> <li>•Automotive</li> <li>•Retail &amp; POS</li> <li>•Home Automation</li> </ul> |
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#### Contact:

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Technical Specifications	AGX X6 RFID
<b>Platform</b>	
CPU	Qualcomm® Snapdragon 626 MSM8953 Pro, Octa-Core mit 2.2 GHz
Operating System	Android 8.1 Oreo (GMS)
Graphic	Adreno 506
<b>Performance Charateristics</b>	
Memory	4 GB / 32 GB
Connectors	• USB-C, Qualcomm Quick-Charge 3.0, OTG• GNSS Antenna connectors• expansion slot on the backside• 1x micro SDXC (128 GB)• 2x Nano-SIM
<b>Physical Charateristics</b>	
Dimensions (mm)	192 mm x 91 mm x 14.5 mm
Weight	380 g incl. Battery pack
Tasten vorne und seitlich	F1, F2, F3, ON/OFF, FN, Volume +/-
Battery	3.8V 8000 mAh (30.4 Wh), exchangeable battery
Display (Touch)	• 6" capacitiv 10-Point Multi-Touch• 1080x1920 Pixel• sun light resistant• Glove/Rain Mode• Corning® Gorilla® Glass
Sound & Mic	Headset-connector via USB-C Loudspeaker at the front side X3 microfon with noise reduction
<b>Scanning &amp; Communications</b>	
Camera (front)	5 Megapixel
Camera (back side)	13 Megapixel with autofoucs and flash
<b>RFID (in Backpack optional)</b>	
HF / NFC	13.56 MHz, ISO14443A/B, 15693, 18000-4
LF	125kHz or 134.2 kHz (FDX/HDX)
<b>Wireless</b>	
WLAN (optional)	2.4 and 5 GHz 802.11a/b/g/n/ac
WPAN (optional)	BT V4.1
WWAN (optional)	2G (850,900,1800,1900)3G (1,2,5,8)4G/LTE (1,2,3,4,5,7,8,17,20,28,38,39,40,41
GPS (optional)	u-blox GNSS Receiver NEO-M8NGPS/GLONASS/Galileo/BeiDou
Sensors	Gyroskop, Compas, acceleration sensor, pressure sensor, Light sensor,
<b>Accessories</b>	
Cradle	Desktop charger
	Vehicle cradle
Others	Leather case, Sync cable, Hand strap, Stylus pen,
	Adaptor, Screen protector, etc.
<b>Environment</b>	
Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
Humidity	0% - 95% non-condencing
Drop	multi-drop resistance to concrete from 1.5m
Rain & Dust protection	IP67 MIL-STD-810G
Approvals	CE, RoHS

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Technical Specifications

AGX X6 with RFID Options



**AGX X6 with RFID**  
**LF 125 - 134,2kHz**  
**HF/NFC 13,56 MHz**

Reader/Antenna  
 integrated in the Backpack

Technical Specifications

AGX X6 Accessories



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