AIDC GO PX-608

Android Scan-and-Print Handheld (80 mm)

Detailed technical reference

6-inch IPS display · Android 12 · 1D/2D barcode scanning
Built-in 80 mm line thermal printer





Core, scanning and printing

Operating system	Android 12
CPU	Octa-core 64-bit processor, 2.0 GHz
Memory and storage	4 GB RAM / 128 GB storage
Display	6.0 in IPS, 720 × 1440
Touch and keys	Capacitive touchscreen with scan, power and custom keys
Barcode scanning	1D/2D barcode scanning
Barcode formats	UPC/EAN, Code 128, Code 39, Code 11, Interleaved 2 of 5, Codabar, MSI, QR Code, PDF417, Micro QR, GS1 DataBar, Aztec and MaxiCode
Printer	Built-in 80 mm line thermal printer
Media	Thermal paper and thermal adhesive labels
Printer sensors	Black-mark and paper-out detection, overheating and overvoltage protection
Print content	Text, images, barcodes and QR codes
NFC	13.56 MHz, ISO/IEC 14443A/B and ISO 15693, 4 cm reading distance
UHF RFID	Optional UHF RFID, 902–928 MHz or 865–868 MHz, EPC Gen2 / ISO 18000-6C, 1–2 m depending on the tag, >50 tags/s
Fingerprint sensor	Optional FPC1020 capacitive fingerprint module, 508 dpi

Connectivity, power and physical details

Cameras	Front 5 MP and rear 13 MP with autofocus and flash
Wi-Fi and Bluetooth	Dual-band Wi-Fi 802.11 a/b/g/n/r/ac (2.4 and 5 GHz), Bluetooth 5.0
Positioning	GPS / AGPS / BeiDou / Galileo / GLONASS / QZSS
Mobile networks	2G (GSM): B2/B3/B5/B8; 3G (WCDMA): B1/B5/B8; 4G (FDD-LTE): B1/B3/B5/B7/B8/B20; 4G (TDD-LTE): B34/B38/B39/B40/B41
Interfaces	TF × 1, SIM × 2, PSAM × 2, USB-C × 1 for charging and data
Battery	Removable polymer lithium-ion battery, 7.4 V / 2,800 mAh
Battery times	Working time >12 h, standby time >300 h
Charging	4 h, with a 9 V / 2 A USB-C fast-charge adapter
Dimensions	240 × 85 × 70 mm
Weight	508 g including battery
Color	Black (enclosure colour can be customized on volume orders)
Environment	Operating −20 to 50 °C, storage −40 to 70 °C, 0–95% RH (non-condensing)
Electrostatic discharge	±15 kV air / 8 kV contact
Standard accessories	USB-C data cable, wrist strap and 9 V / 2 A USB-C power adapter
In the box	Terminal, USB data cable, instruction manual, charger, wrist strap and one roll of thermal paper, supplied in a box