

H-27 Android Enterprise Terminal



> HIGHLIGHTS

Qualcomm Dual Core - 1.5GHz



Android 4.2.2

4.3" Display with Gorilla glass v2 and Anti-reflective coating

5.0 MP, camera with Auto Focus and Flash LED



Bluetooth 4.0



WiFi, 802.11 a/b/g/n

HSPA+ with Data and Voice

NFC

Hotswap

IP65

1.5 m

Drop proof



H-27

> BASIC PRODUCT SPECIFICATIONS

OPERATION

CPU: Qualcomm MSM8960 Dual core Krait 1.5GHz **O/S:** Android 4.2.2

MEMORY

EMMC: 8G **SDRAM:** DDR2 1GB **EXPANSION:** microSD up to 32GB

DISPLAY

TYPE: TFT LCD, capacitive touch panel, color screen **SIZE:** 4.3", 800 x 480 pixels

PROTECTION: Gorilla glass v2 **COATING:** Anti-reflective

OPERATING INDICATORS

VISUAL: 2 LEDs (red/green) **NON-VISUAL:** Vibrate

OPERATING KEYS

1 power key, 2 volume keys, 2 scan keys, 4 Android navigation keys

COMMUNICATION

BLUETOOTH: 4.0 **W-LAN:** WiFi, IEEE.802.11 a/b/g/n **WWAN:** 2G

(850/900/1800/1900), 3G (850/900/1700/1900/2100) **WWAN DATA:** GPRS, EDGE,

HSPA+ **ETHERNET:** via USB-to-Ethernet adapter (supported USB-to-Ethernet chipsets AX8817x, AX88178, AX88178A, AX88772, RTL8150) **NFC:** NFC-A (ISO14443-3A),

NFC-B (ISO14443-3B), NFC-F (JIS 6319-4), isoDep (ISO 14443-4), NFC Forum Tag Types 1, 2, 3, 4, iISO18092, NFC-V (iISO15693), MiFARe Classic, MiFARe Ultralight,

nDeF on MiFARe Classic **GPS:** integrated GPS and GLONASS **AUDIO:** Speaker/receiver /microphone/3.5 mm headset (CTIA)/Bluetooth (HSP, HFP, A2DP) **USB:** micro

USB OTG, System connector with USB OTG and charging

SENSORS

Accelerometer, Magnetometer, Gyroscope, Photometer, Proximity

POWER

MAIN BATTERY: Lithium-Ion 3.7V 2860mAh **BACKUP BATTERY:** Lithium Polymer

3.7V, 80mA for main battery hotswap **OPERATING TIME:** 8 hours (LCD on, 3G on),

standby time 325 hours **BATTERY CHARGING TIME:** 2-2.5 hours **CHARGING TECHNOLOGY:** Qualcomm Quickcharge 1.0

CAMERA

REAR FACING CAMERA: 5 MP, auto-focus, flash LED

BARCODE SCANNER OPTICS

LIGHT SOURCE: 650 nm visible laser diode **SCAN RATE:** 100 scans/sec **READING**

PITCH ANGLE: -35 to 0°, 0 to +35° **READING SKEW ANGLE:** -50° to -8°, +8° to

+50° **READING TILT ANGLE:** -20° to 0°, 0° to +20° **CURVATURE:** R>15 (EAN8),

R>20 (EAN13) **MIN. PCS VALUE:** 0.45 **DEPTH OF FIELD:** At PCS 0.9, Code 39, 70 -

650 mm / 2.76 - 25.59 in (1.00 mm / 39 mil), 50 - 420 mm / 1.97 - 16.54 in (0.5

mm / 20 mil), 50 - 260 mm / 1.97 - 10.24 in (0.25 mm / 10 mil), 50 - 150 mm / 1.97

- 5.91 in (0.15 mm / 6 mil), 60 - 120 mm / 2.36 - 4.72 in (0.127 / 5 mil)

SUPPORTED SYBLOGIES BARCODE SCANNER

BARCODE (ID): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code

93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, ISBN, Industrial 2of5,

Interleaved 2of5, Matrix 2of5, MSI/Plessey, Telepen **POSTAL CODE:** Chinese Post,

Korean Postal Authority code **2D CODE:** Composite Codes, MicroPDF417, PDF417

2D IMAGER OPTICS

LIGHT SOURCE: Aiming green LED, illumination LEDs **SCAN METHOD:** CMOS

area sensor, 752 x 480 pixels, gray scale **SCAN RATE:** Up to 60 fps **IMAGE**

FORMAT: Windows Bitmap, JPEG, TIFF **GRADULATION:** 256, 16, 2 **IMAGE**

OUTPUT MODE: 4 resolutions (full, 1/2, 1/3, 1/4), 2 ranges (horizontal, vertical)

READING PITCH ANGLE: -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -50 to 0°,

0 to +50° **READING TILT ANGLE:** 360° **CURVATURE:** R>16 mm (10-digit Codabar),

R>20 mm (12-digit UPC) **MIN. RESOLUTION AT PCS 0.9:** 0.169 mm / 7 mil at PDF417,

0.212 mm / 8 mil at QR Code and DataMatrix **MIN. PCS VALUE:** 0.3 **FIELD OF VIEW:**

Horizontal 40.6°, Vertical 26.4° **DEPTH OF FIELD:** At Code 39, 85 - 125 mm / 3.35 -

4.92 in (0.127 / 5 mil), 65 - 205 mm / 2.56 - 8.07 in (0.254 mm / 10 mil), 60 - 295

mm / 2.36 - 11.61 in (0.508 mm / 20 mil) **DEPTH OF FIELD:** At QR Code, 90 - 115 mm /

3.54 - 4.53 in (0.212 mm / 8.4 mil), 55 - 195 mm / 2.17 - 7.68 in (0.381 mm / 15 mil)

SUPPORTED SYBLOGIES 2D IMAGER

BARCODE (ID): UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-

on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7),

Industrial 2 of 5, Interleaved 2 of 5, S-Code, IATA, Code 93, Code 128, MSI/Plessey, UK/Plessey, TELEPEN, Matrix 2of5, Code 11, GS1 DataBar, GS1 DataBar Limited,

GS1 DataBar Expanded, Composite GS1-DataBar, Composite GS1-128, Composite

EAN, Composite UPC **POSTAL CODE:** Chinese Post, Korean Postal Authority code

2D CODE: PDF417, MicroPDF417, Codablock F, QR Code, Micro QR Code, DataMatrix (ECC 0 - 140 / ECC 200), MaxiCode (Modes 2 to 5), Aztec Code, Han Xin Code (Chinese Sensible Code)

DURABILITY

TEMPERATURE IN OPERATION: -10 to 50 °C / 14 to 122 °F **TEMPERATURE IN**

STORAGE: -20 to 70 °C / -4 to 158 °F (without battery) **HUMIDITY IN OPERATION:**

5 - 95% (non-condensing) **HUMIDITY IN HUMIDITY:** 5 - 95% (non-condensing)

DROP TEST: 1.5 m / 5 ft drop onto concrete surface **PROTECTION RATE:** IP65

PHYSICAL

DIMENSIONS (W X H X D): 77 x 147 x 19 mm / 3.03 x 5.79 x 0.75 in **WEIGHT BODY:**

Ca. 244 g / 8.5 oz (incl. battery) **CASE:** Black

ENCLOSED ITEMS

BATTERY, POWER ADAPTER, EAR PHONE, USB to DC cable, USB Cable, QUICK

START GUIDE

SOLD SEPARATELY

CRD-27 (excl. power adapter & power cable), **POWER CORD**