

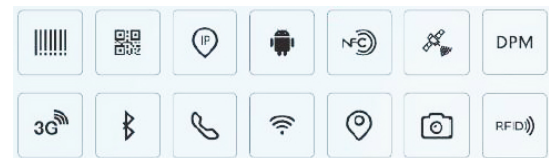
SA P8400 Series are the ultra-rugged 2D imager 4" Android Mobile computer, which is ideal for enterprises requiring anywhere, anytime connectivity and fast data capture for maximum uptime and productivity out in the field or on the selling floor. This series include SA P8400(Full Keyboard) and P8400(Numerical Keyboard). You can purchase the suitable keyboard according to users' operationg.

With 3G connectivity and long-lasting 5100mAh battery power, the smart phone function ensure 16 hours working and connectivity to business-critical data and systems. In addition, the device can provide more flexible applications with embedded Wifi, Bluetooth 4.0 and GPS function.

Except the powerful 2D scan engine for decoding all standard 1d and barcode from the printed labels and screen, this device is also integrated with 8Mega camera, which provide more applications for users.

The leek and rugged housing fits easily into a pocket for users and its IP65 rating against dust/water spray; can withstand multiple 1.5m drops to concrete and 1200* 0.5meter tumbles. Its optional RFID read can support 8~10meters UHF RFID reading with more high-efficiency.

With various of optional accessories, it will be suitable for a wide variety of applications, such as logistics, warehousing, retail, government, distribution centers, manufacturing, field service, direct to store delivery, healthcare, laboratory, etc.



Features

- Powerful, Versatile Platform:**An industry-leading Cortex A7 processor with 1.3GHz quad-core CPU and LPDDR3 Ram enables more robust application performance at better speeds and power efficiencies.
- Advanced Scanning Performance:** Advanced 2D imager delivers best-in-class data capture performance on all of standard linear and 2D barcode.
- Pocketable and Rugged Form Factor:** Sleek yet rugged. IP65 rated design protects against dust and water and can withstand multiple 1.5 m drops to concrete and 1,200*0.5m tumbles.
- High-capacity Power:** 5100mAh battery, to provide 16 hours for heavy duty working and 50days for standby
- More Optional Function Integrationg:** Users can choose RFID function, or optional cradle, hand grip, etc.
- Software Service:**Android SDK, Eclipse, MScan, MWedg, MControl, MLaunchers for application.
- Reliable Connectivity:** Support 3G, WiFi, Bluetooth 4.0+ BLE, GPS/A-GPS.

Performance

OS:Android 4.4.2

Language:Android Default, support English,Chinese etc. multilanguage

CPU:Cortex A7 1.3 GHz Quad Core Processor

Memory:LPDDR3: 1GB/2GB , eMMC:8GB/16GB

Expansion Memory: microSD, support SDHC, up to 32GB; one micro SIM connector

PC Communication: IO connector at bottom (USB, charging, Detect, GND), IO connector on the back (UART, RFID, Power, GND)

Sensor:Ambient sensor,proximity sensor,e-compass,G-sensor,Hall sensor

Indicator LED:R/G/B LED

Charging Time:<5 hours (USB wall adapter), <3 hours (Quick Charger Cradle)

Battery Life:16.5 hours (LCD backlight brightness 50%, Continuous scanning a PDF417 barcode every 9 sec and sending decoded barcode information over the WLAN link)

Stand-by Time:50days

Decoding Capability

Field of View:39° (H) x 25° (V)

Motion Tolerance:Up to 25 in. (63.5 cm) per second;

Scan Angles:Tilt: 360°, Pitch: ± 45°, Skew: ± 65°

Symbologies:**1D Bar code:**UPC/EAN/JAN, Code 39, Code 128,Code 32, Code 93,Codabar/NW7, Interleaved2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post; Postal: Australian Post, British Post, Canadian Post, China Post, ID tag, Japanese Post, Netherlands (KIX) Post, Korea Post, Postnet, Planet Code; **2D Barcode:**Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code; 2D Stacked:PDF417, MicroPDF417, GS1-128;**2D QR Code, Data Matrix, PDF417 OCR:**OCR-A, OCR-B, E13B(MICR)

RFID(Optional):UHF RFID, Support EPC Class 1 Gen 2(ISO 18000-6C) Tag Working frequency: FCC(US)902-928MHz; ETSI(EU)865-867MHz, SRRC-MII(CN)840-845MHz, 920-925MHz

Environmental

Operation Temperature: -20°C ~ +50°C

Storage Temperature: -30°C ~ +70°C

Humidity: 10% ~ 90% (non-condensing)

Drop:Multiple1.5m drops to concrete, 3 loops of 6 orientations (bottom, top, back, front, left, and right)

Tumble:1200 hits*0.5 meter Tumbles to steel plate Sealing IP65

ESD:±8kV contact mode, ±15kV air mode

Vibration:MIL-STD 810G, 2Gs peak, 5Hz to 2kHz, 1 hour per axis; .04g²/Hz, 20Hz to 2kHz, 1 hour per axis

Physical

Display:4" WVGA(480*800), visible under the sunshine

Touchpanel:GFF Captive Touch; Corning Gorilla /Dragon Tail Glass, Hardness>7H

Scanning Head Aiming&Illumination:617 nm visible red LED; 625 nm visible white LED

Camera:Auto focus 8Mega, with flash LED

Keypad:

1.Full Keyboard, 49 key, independent numerical key and letter key, combination key, left and right scan key

2. Numerical keyboard, 33 keys, independent numerical key, Function key, Navigation Key, left and right scan key

Audio:speaker, dual micphone(noise cancel),receiver,3.5mm audio jack

Charging Interface:charging cup, charging cradle

Battery:typ. 5000mAh

Dimension:201*62*26 mm

Weight:330g

Wireless Connectivity

WLAN:IEEE 802.11 b/g/n

WLAN Security:WEP, 802.1x, TKIP, AES, LEAP, PEAPv0, PEAPv1, EAP-M, SCHAPv2 EAP-GTC, EAP-TLS, EAP-TTLS, WPA-PSK, WPA2,WAPI

WWAN: GSM850/900/1800/1900Mhz, WCDMA850/900/1900/2100Mhz

WPAN:Bluetooth 4.0

WPAN Profiles:GAP,GEOP,SPP,DUN,HFP,HSP,HID,OPP,PAN, ActiveSync-Over-Bluetooth,A2DP,AVRCP,PBAP

GPS:GPS/A-GPS

Push to talk (PTT):Working Frequency 400-470MHz, Compatible to Moto and Kenwood walkie talkie . Communication distance can extend to 5 km in vast space

Software Service

Development Environment: Android SDK,Eclipse

Application Software:MSscan, MWedge, MControl, MLauncher

Accessories

Standard Accessories:5V/2A wall adapter Charging cup, Hand strap, Screen protective

Optional Accessories: Charging Cradle, pistol grip, 4 bay battery charging cradle, Holster.

Warranty

Warranty:1year (include PDA, Battery, USB wall adapter, USB cable)

Accessories



PC400 Cradle



L-USB Charging Cable



HG400 Hand Grip

