

# Rugged Mobile Computer SPA43 LTE



## Physical

**Dimensions:** 140 mm(L) x 78 mm(W) x 19 mm(D)  
**Weight:** Standard battery: 250g  
**Display:** 4.3 inch WVGA (480x800) TFT display with backlight  
**Touch Panel:** Tempered glass capacitive touch  
**Backlight:** LED backlight  
**Battery:** Rechargeable Lithium 3.7 V, 3100mAh  
**Expansion:** MicroSD slot (MicroSDHC support)  
**Connectivity:** High speed USB  
**Warning:** Vibrate and LED  
**Audio:** Speaker

## Performance

**CPU:** Cortex 1.3 GHz quad –core processor  
**OS:** Android 5.1  
**Memory:** 1GB RAM, 8GB Flash  
**Interface:** USB 2.0 Client

## User Environment

**Operating:** -10°C to 50°C  
**Storage:** -20°C to 60°C (w/o battery)  
**Humidity:** 90% non-condensing  
**Drop Spec:** 1.2 meters drop multiple times per MIL-STD 810G standard  
**Sealing:** IP 66  
**Clock:** Integrated real time clock  
**ESD :** ±15 kV (air discharge), ±8 kV (direct discharge)

## Specifications

### Data Capture

**Camera:** 5 MP with user controllable flash  
**Barcode scanning:** Decode through custom made software decoder via camera  
**NFC (Optional):** Peer-to-peer, card reader, card emulation

### Wireless WAN Data

**Radio:** Rel. 9, Cat. 4 LTE (FDD & TDD) /HSDPA / UTMS / EDGE / GPRS  
**Frequency Band:** 4G LTE (Band 1, 3, 5, 7, 8, 20, 38, 39, 40, 41) 3G (Band 1, 2, 5 8), 2G (1800, 1900, 850, 900MHz)  
**GPS:** GPS/ Beidou / Glonass

### Wireless PAN Data

**Bluetooth:** Class II Ver. 4.0; internal antenna

### Wireless LAN Data

**Radio:** IEEE 802.11 a/b/g/n (2.4GHz & 5GHz)  
**Security:** WEP (40 or 128 bit), TKIP, AES, WPA2-PSK, WPA-PSK, WPA2 (EAP-TLS, EAP-PEAP)  
**Antenna:** Internal

### Accessories



Power Adapter



Hand strap



3150mAh Lithium Polymer Battery



Single charging cradle (no spare battery charging)