**Overview**

Lotus Plus is a compact 3.5” TFT display Handheld computer with open source Linux OS that helps in rapid deployment of custom applications The terminal can be equipped with integrated wireless features such as GSM, GPRS, WLAN and 3G/4G. It can be customized with various features such as fingerprint sensor, contact/contactless card reader, camera, GPS, RFID and 1D/2D Barcode scanner. This rugged device can be deployed virtually for many applications in the field and its long battery life enhances usability.

**Features**

* Compact, Low cost, Rugged & IP 65 compliant
* High speed Cortex A7 Processor @900MHz
* Linux Operating System
* 3.5” QVGA TFT Display with Touch Panel
* Integrated GSM/GPRS/3G/4G/WLAN
* Custom features – Camera, GPS, RFID, 1D/2D Barcode scanner

**Application Areas**

* Utility Billing
* PoS Courier Delivery
* Meter Data Collection

**Technical Specifications**

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| --- | --- | --- | --- |
|  | Processor | CPU | High Speed ARM Cortex A7 |
| Speed | 900MHz |
| C:\Users\Aamani\Downloads\2-OperatingSystem.png | Operating System | OS | Linux |
| C:\Users\Aamani\Downloads\3-Memory.png | Memory | RAM | 256MB/512MB |
| Flash | 8GB |
| Expandable | SD card upto 16GB |
| C:\Users\Aamani\Downloads\4-CommunicationPort.png | Communication Ports | USB | USB 2.0 OTG |
| Other | 10/100 Ethernet or RS232 |
| C:\Users\Aamani\Downloads\5-Wireless.png | Wireless Connectivity | WLAN | 2.4G, IEEE 802.11 b/g/n |
| Connectivity | GSM/GPRS/3G/4G |
| Bluetooth | V4.0,SPP, classic 5200 |
| C:\Users\Aamani\Downloads\6-Power.png | Power | Battery | Rechargeable Li-Ion 5200mAh |
| External Adapter | 5V@2A Adapter |
| C:\Users\Aamani\Downloads\7-DisplayKeypad.png | Display & Keypad | Display type & size | 3.5” QVGA TFT w/Touch Panel |
| Keypad | 30 keys (multi-functional) |
| C:\Users\Aamani\Downloads\8-Optional.png | Optional Peripherals | Camera | 5MP Auto Focus |
| Location | GPS, GLONASS |
| Other | RFID, 1D/2D Barcode scanner |
| C:\Users\Aamani\Downloads\9-Dimensions.png | Dimensions | H x W x D in mm | 185 x 95 x 43 |
| C:\Users\Aamani\Downloads\10-Operating.png | Operating Conditions | Operating Temperature | 0°C - 50°C |
| Relative Humidity | 5-95% (Non-condensing) |