**Overview**

Lotus Bio is a compact 3.5”/5” Handheld computer with integrated finger print sensor. It is available in Android as well as Linux OS. The terminal can be equipped with integrated wireless features such as WLAN and 2G/3G/4G. It can be customized with various add-ons such as contact/contactless card reader, camera, RFID, GPS 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 ARM Cortex A7 @900MHz/ Qualcomm Quad Core Processor @1.1GHz
* Android/Linux Operating System
* 3.5”/ 5” Display with Touch Panel
* Integrated 2G/3G/4G, WLAN
* Custom features – Camera, RFID, 1D/2D Barcode scanner, GPS

**Available Models**

* Lotus Bio 3.5” QVGA TFT display, Linux OS, ARM Cortex A7 Processor
* Lotus Bio 3.5” QVGA TFT display, Android OS, Qualcomm Quad Core Processor
* Lotus Bio 5” WVGA/HD display, Android OS, Qualcomm Quad Core Processor

**Application Areas**

* Field Work Force Management
* Authentication applications
* Time & Attendance applications at corporate offices, educational institutions, government departments

**Technical Specifications**

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| --- | --- | --- | --- |
|  | Processor | CPU | Qualcomm Quad Core/ ARM Cortex A7 |
| Speed | @1.1GHz for Qualcomm  @900MHz for ARM Cortex |
| C:\Users\Aamani\Downloads\2-OperatingSystem.png | Operating System | OS | Android/ Linux |
| C:\Users\Aamani\Downloads\3-Memory.png | Memory | RAM | 1 GB LPDDR3 |
| Flash | 8 GB |
| Expandable | SD card up to 32 GB for Qualcomm  SD card up to 16 GB for ARM Cortex A7 |
| C:\Users\Aamani\Downloads\4-CommunicationPort.png | Communication Ports | USB | USB 2.0 OTG |
| Other | 10/100 Ethernet/ RS232 |
| C:\Users\Aamani\Downloads\5-Wireless.png | Wireless Connectivity | WLAN | 2.4G, IEEE 802.11 b/g/n |
| Connectivity | 2G/3G/4G |
| Bluetooth | V4.1 BR/EDR + BLE |
| C:\Users\Aamani\Downloads\6-Power.png | Power | Battery | Rechargeable Li-Ion 5200mAh |
| External Adapter | 5V/2A USB Charging/Adapter |
| C:\Users\Aamani\Downloads\7-DisplayKeypad.png | Display & Keypad | Display type & size | 3.5” QVGA TFT w/Touch Panel  5” WVGA/HD w/Touch Panel |
| Keypad | 30 keys (multi-functional) |
| C:\Users\Aamani\Downloads\8-Optional.png | Optional Peripherals | Camera | 8MP Auto Focus |
| Other | 1D/2D Barcode scanner, contact/contactless card reader, RFID |
| 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) |