

# Julia- J07

7" PDA (mPDA)



## Features

- Cortex-A53 Octa Core Processor
- 7" 1280 x 720 TFT Panel with direct optical bonding
- Support Android 5.1 OS
- Hot-swappable battery design
- Support 1D/2D Barcode and NFC Reader
- IP65 waterproof and dustproof
- Easy to store in the coats pockets

## Specifications

### System Specification

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| Processor        | ARM® Cortex™-A53 Octa-core 1.3 GHz                                                |
| System Memory    | 2GB RAM                                                                           |
| Storage          | 16GB eMMC<br>Additional storage available:<br>SD (up to 2 GB), SDHC (up to 32 GB) |
| Operating system | Android 5.1                                                                       |
| Microphone       | 2 x Built-in Mic                                                                  |
| Speaker          | 1 x 1.2 W speaker                                                                 |
| Earphone         | 1 x Earphone                                                                      |
| Web camera       | 2MP Camera                                                                        |
| Rear camera      | 8MP Camera with LED auxilliary light (auto focus)                                 |
| NFC              | NFC (Read / Write, Peer to Peer mode)                                             |
| Barcode          | 1D/2D Barcode Reader                                                              |

### Display Specification

|                |                                                            |
|----------------|------------------------------------------------------------|
| Size           | 7-inch                                                     |
| Resolution     | 1280 x 720                                                 |
| Brightness     | 650 nit with direct optical bonding for sunlight readable  |
| Touch          | Multi-touch projected capacitive                           |
| Contrast Ratio | 800:1                                                      |
| Viewing angle  | 80/80/80/80                                                |
| Technology     | Ambient light sensor, g-sensor , Automatic screen rotation |

### Wireless Communication

|           |                      |
|-----------|----------------------|
| WLAN      | 802.11 a/b/g/n       |
| Bluetooth | Bluetooth 4.0        |
| GPS       | GPS / AGPS / GLONASS |
| WWAN      | Optional 3G/4G LTE   |

### Interface

|                   |                        |
|-------------------|------------------------|
| Docking Connector | 1 x Docking connector  |
| USB               | 1 x Micro USB OTG      |
| Power input       | 1 x Power Jack         |
| Micro SD          | 1 x Micro SD Card Slot |
| SIM Card Slot     | 2 x SIM Card Slot      |

### Input

|                |                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------|
| Button         | 1 x Volume +/- , 1 x Power Button, 1 x Home Button,<br>1 x Menu Button, 1 x Return Button, 1 x Trigger Button |
| LED Indicators | 2 x LED indicators (Power, Battery)                                                                           |

### Power Management

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Power Input            | 5V DC                                                   |
| Battery                | 3.7V 5300mAh Li-Poly optional for Hotswappable function |
| Battery Operating Time | 20Hr                                                    |
| Adapter                | 100-240V/ 5V 3A Adapter                                 |

### Mechanical and Environment

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| IP Rating             | IP65                                                  |
| Dimension (W x L x H) | 212.4 x 132.8 x 19 mm (8.36 x 5.23 x 0.75 inches)     |
| Packing Size          | 280 x 240 x 60 mm                                     |
| Gross Weight          | 1.5kg (3.3 lb)                                        |
| Net Weight            | 550g (1.21 lb)                                        |
| Operating Temperature | -20°C to 60°C (AC mode), -10°C to 50°C (Battery mode) |

### Accessories

|                      |                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard Accessories | Universal Adapter                                                                                                                                                      |
| Optional Accessories | Battery Charging Dock ,Vehicle Dock (Charging + Connectors)<br>,Vehicle Dock (Charging Only),Desk Dock ,Hand Strap ,Carry Bag, Capacitive Touch Stylus,Vehicle Adapter |

## Order Information

- » Julia-J07-P01-A1-0201  
7" mPDA.Cortex-A53.PCT.2GB RAM.16GB eMMC.BCR.  
Android 5.1
- » Julia-J07-P01-A1-0202  
7" mPDA.Cortex-A53.PCT.2GB RAM.16GB eMMC.Android 5.1