**Overview**

Rider QuAd 3.5 is a compact 3.5” TFT display Handheld computer with integrated printer and Qualcomm Quad Core processor. The terminal can be equipped with integrated wireless features such as GSM, GPRS, WLAN and 3G/4G. The printer options for the device include 2”/3” Thermal and 2” Impact. It can be customized with various add-ons such as fingerprint sensor, contact/contactless card reader, camera, 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 51 compliant
* High speed Qualcomm Quad Core Processor @1.1 GHz
* Android Operating System
* Integrated GSM/GPRS/3G/4G/WLAN
* Integrated 2” Thermal/2” Impact/ 3” Thermal Printer
* Inbuilt GPS/GLONASS
* Custom features – Finger print sensor, card reader, camera, RFID, 1D/2D Barcode scanner

**Application Areas**

* Ticketing & Spot Billing applications
* Authentication applications
* Micro ATMs
* Customized applications

**Available Models**

* Rider QuAd 3.5 with 2” Impact printer
* Rider QuAd 3.5 with 2” Thermal printer
* Rider QuAd 3.5 with 3” Thermal printer

**Technical Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Processor | CPU | Qualcomm Quad core |
| Speed | 1.1 GHz |
| C:\Users\Aamani\Downloads\2-OperatingSystem.png | Operating System | OS | Android |
| C:\Users\Aamani\Downloads\3-Memory.png | Memory | RAM | 1 GB |
| Flash | 8 GB |
|  |  | Expandable | SD card up to 32 GB |
| 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 | V4.1 BR/EDR + BLE |
| C:\Users\Aamani\Downloads\6-Power.png | Power | Battery | Rechargeable Li-Ion 5200mAh |
| External Adapter | 5V/2A, USB Charging |
| C:\Users\Aamani\Downloads\7-DisplayKeypad.png | Display & Keypad | Display type & size | 3.5” QVGA TFT w/Touch Panel |
| Keypad | 30 keys alpha-numeric/ 45 keys QWERTY |
| C:\Users\Aamani\Downloads\8-Optional.png | Optional Peripherals | Camera | 8MP Auto Focus |
| Identification | STQC certified FPS |
| Other | Contact/contactless card reader, RFID, 1D/2D Barcode scanner |
| C:\Users\Aamani\Downloads\9-Dimensions.png | Dimensions | H x W x D in mm | 242 x 108 x 32 (Impact printer)  230 x 88 x 32 (Thermal printer) |
| C:\Users\Aamani\Downloads\10-Operating.png | Operating Conditions | Operating Temperature | 0°C - 50°C |
| Relative Humidity | 5-95% (Non-condensing) |

**Printer Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 2” Thermal | 3” Thermal | 2” Impact |
| Print Type | Thermo Sensitive | Thermo Sensitive | Impact with ribbon |
| Paper Width | 58 mm | 72 mm | 57 mm |
| Dot Size | 0.125 x 0.125 | 0.125 x 0.125 | - |
| DPI | 203 | 203 | - |
| Print Speed | 60 mm/sec | 50 mm/sec | 2.7 lines/sec |
| Resolution | 384 dots/line | 576 dots/line | 144 dots/line |