



# The Poynt P61B

## Specifications

### Processor

Application processor: Quad-core ARM Cortex A53  
Security processor: Single-core ARM Cortex M3

### Memory/storage

1GB DDR RAM/8GB Flash

### Display

7.0" touchscreen display - 800(w) x 1280(h) pixels 4.3"  
secure touchscreen display - 800(w) x 480(h) pixels  
simultaneous 10 finger capacitive multitouch

### Operating system

Poynt OS

### Connectivity

WiFi: 802.11 a/b/g/n dual channel 2.4, 5 GHz operation  
Bluetooth 4.2

Optional features: 4G LTE cellular modems

dual USB 2.0 ports (via optional dock)

Ethernet: 10/100 (via optional dock)

### Camera

Front camera: 5MP with autofocus (7cm to infinity)

Back camera: 2MP

### Audio/microphone

Stereo speaker

Built-in microphone

### Printer

Built in 2" thermal printer

Integrated thermal printer with graphics capabilities  
≥ 80mm/s 18+ lines per second

Accommodates standard roll paper of 58mm (2.25in.)  
width x 25mm (1.0in.) diameter, single ply - 3 rolls  
included in box (6M/20ft. each)

### Physical

120.7mm x 250.5mm x 91.4mm | 0.7 kg

### Card reader

Hybrid MSR/Chip Reader

Magnetic stripe reader: Triple track (tracks 1, 2, 3),  
high coercivity, bi-directional

Chip reader: ISO 7816, 1.8V, 3V, 5V;  
synchronous and asynchronous cards;  
EMV Level 1 and 2 Type approved

### Protocols

Supports major NFC/contactless schemes,  
ISO 14443 A&B, MiFare® capable, ISO18092 capable

### Packed applications

Poynt Terminal, Poynt Register, Settlement, Help

### Other features

3-axis accelerometer, gyroscope, and compass  
Switchable full-scale ranges (≥ 5 ranges)

### Security

PCI PTS PED and Secure Reading and Exchange of Data  
(SRED) v4.x, End-to-end encryption Support TLS 1.2

### Certification

EMVCo L1 and L2 certification, FCC, IC, and CE

### Power

Battery: 2000mAh, 8.4 V

Power Adaptor: Input 100 - 240 VAC, 50/60 Hz,  
1.5 A | Output 12V/3.33A

### Voltage

AC input 100 - 240 VAC, 50/60 Hz; DC output 12V/3.33A

### Environmental

Operation 0° to 40°C, 90% Maximum non-condensing  
up to 45°C Storage: -20°C to 75°C, 90% Maximum  
non-condensing up to 60°C

**We make it possible. You make it happen.**

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