



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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