

BluePad-5500

Processor	Cortex-A7 Quad Core - 1.1 GHz 32-bit 512 KB L2 cache
CPU Memory	1 GB RAM, 8 GB Flash
Microcontroller	Cortex M3
MCU Memory	64 KB Internal ROM, 256 KB Internal RAM, 1 MB Internal Flash
Operating System	Android 7.12 Nougat
Display	5-inch mutual capacitance touch 720 x 1280 px
Buttons	On/Off button, 2 scan buttons
Magnetic Card Reader	Triple track bi-directional
Smart Card Reader	Landing type
Contactless Reader	ISO/IEC 14443 Type A MIFARE Mini, MIFARE Classic 1K, MIFARE Classic 4K, MIFARE Ultralight, MIFARE Ultralight C, MIFARE Plus 2K, MIFARE Plus 4K, MIFARE DESFire ISO/IEC 14443 Type B ISO/IEC 15693 JIS X 6319-4 - FeliCa ISO/IEC 18000-3 - NFC
Contactless Payments	VISA payWave MasterCard Contactless American Express ExpressPay Discover D-Pas UnionPay QuickPass JCB J/Speedy
2D Barcode Reader	Opticon MDI-4000 - 640 x 480 CMOS
Connectors	RS-232 contact pins USB Type-C port
Wired Communication	USB (device)
Bluetooth	BT version 3.0 power class 2
Wireless	2.4G/5G, 802.11 a/b/g/n
Modem	4G data only
Audio Features	Electromagnetic buzzer
Power Supply	DC 5 V through USB, DC 5 V through contact pins
Battery	Rechargeable Li-Ion Battery 3.7 V, 2200 mAh
Reliability	1,000,000 magnetic card swipes 500,000 chip card cycles
Dimension W x D x H	146 x 85 x 16 mm
Weight	230 g