

BluePad-5500 Plus



CPU	Quad Core ARM Cortex-A53 - 1.8 GHz Secure ARM Cortex M4
Memory	1 GB RAM, 8 GB Flash (optional) 2 GB RAM, 16 GB Flash (optional)
Operating System	Android 10
Main Camera	5 megapixels, fixed focus, 70 lm flash light
Secondary Camera	0.3 megapixels
Buttons	On/Off button, 2 scan buttons
Display	5-inch touch color display 720 x 1280 px
Sensors	Accelerometer, Proximity sensor, Light sensor
Smart Card Reader	Friction type
Contactless Reader	NFC-A, ISO 14443 Type A, NFC-B, ISO 14443 Type B, NFC-F, Felica, NFC-V, ISO 15693
Contactless Payments	VISA payWave, MasterCard PayPass, American Express, DPAS (Discover)
Barcode Reader (optional)	2D Zebra SE4710 - 1280 x 800 CMOS
Symbologies	UPC/EAN, UPC/EAN with supplementals, Code 128, GS1-128, Code 39, Trioptic, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Industrial 2 of 5, Codabar, Codablock F, MSI, Telepen, GS1 DataBar variants PDF417, MicroPDF417, Composite Code, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, GS1 QR, Han Xin, Japan Postal, Australian Post, Data Matrix, US postnet, UK postal, MicroPDF417, Simple Datamatrix, Inverted Datamatrix, DOT code
Connectors	2 x nano SIM card slots, SAM card slot, Micro SD card slot (max 32 GB), RS-232 contact pins, USB Type-C port, 3.5 mm TRRS port
Wireless	IEEE 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz
Cellular Module	2G/3G/4G
GNSS	GPS, A-GPS, BeiDou, GLONASS, Galileo
Audio Features	90 dB speaker, Electromagnetic buzzer (optional)
Power Supply	DC 5 V through USB, DC 5 V through contact pins
Battery	Rechargeable Li-Ion Battery, 4.35 V, 2500 mAh, Coin Cell, 3 V, 120 mAh
Certificates	CE, FCC, ROHS, CB, BIS, UN38.3, PCI PTS 5.x SRED, EMV Level 1, EMV Level 2, EMV Level 1 Contactless
Dimension W x D x H	144 x 77 x 16 mm
Weight	208 g
Operational Temperature	-10 °C to 50 °C / 10 to 90% RH
Storage Temperature	-30 °C to 70 °C / 10 to 90% RH
Drop Tested	1.2 m, faces and edges
Other Box Contents	90 cm USB Type-A to Type-C cable