






Model	MARSHALL	BM5510	BM5520	BM7500	BM7550
Picture					
Basic					
Operating System	Android 8.1 or Android Go	Android 8.1	Android 8.1	Android 5.1	Android 8.1
Processor (Model-Core-Frequency)	Quad-core 1.3GHz	Quad-core 1.3GHz	Quad-core 1.3GHz	Quad-core 1.3GHz	Quad-core 1.3GHz
Memory	2G RAM + 16G ROM External TF card (up to 64G)	2G RAM + 16G ROM 1G RAM + 8G ROM (option) External TF card (up to 64G)	2G RAM + 16G ROM 1G RAM + 8G ROM (option) External TF card (up to 64G)	1G RAM + 8G ROM 2G RAM + 16G ROM (option) External TF card (up to 64G)	1G RAM + 8G ROM 2G RAM + 16G ROM (option) External TF card (up to 64G)
Display	5 Inch Capacitive	5 Inch Capacitive	5 Inch Capacitive	7 Inch Capacitive	7 Inch Capacitive
Resolution	720*1280 Pixels IPS LCD	720*1280 Pixels IPS LCD	720*1280 Pixels IPS LCD	1280*720 pixels IPS	1280*800 pixels IPS
Camera	13 MP (rear) Auto Focus	8 MP/13 MP (rear) Auto Focus	8 MP/13 MP (rear) Auto Focus	2 MP (front), 8 MP (rear) Auto Focus	2 MP HDR (front), 8 MP (rear, option) Auto Focus
Printer	2 Inches Thermal Printer	/	/	/	/
Battery	10000mAh/3.7V Hi-Performance Li-ion	4000mAh removable (option: 10000mAh)	4000mAh removable (option: 10000mAh)	6000mAh	6000mAh removable (option: 10000mAh)
Weight	585g	527g	436g	617g	717g
Dimension	210*85*90mm (L*W*H)	201*82*46mm (L*W*H)	201*83*43mm (L*W*H)	235*147*28mm (L*W*H)	235*147*28mm (L*W*H)
Temperature and Humidity	Operation: 0~45°C, 10~75% R.H Storage: -20~50°C, 5~85% R.H	Operation: 0~45°C, 10~75% R.H Storage: -20~50°C, 5~85% R.H	Operation: 0~45°C, 10~75% R.H Storage: -20~50°C, 5~85% R.H	Operation: 0~45°C, 10~75% R.H Storage: -20~50°C, 5~85% R.H	Operation: 0~45°C, 10~75% R.H Storage: -20~50°C, 5~85% R.H
Biometrics					
Type	Fingerprint-Optical	Fingerprint-Optical	Fingerprint-Optical	Fingerprint-Optical	Fingerprint-Optical
Sensing Area	15.2*20.3mm	15.24*20.32 mm	15.24*20.32 mm	16*24 mm	15.24*20.32 mm
Image Size	300*400 pixels (FAP20)	300*400 pixels	300*400 pixels	320*480 pixels	300*400 pixels
Image Resolution	500 dpi	500 dpi	500 dpi	500 dpi	500 dpi
Grayscale	256 level	256 level	256 level	256 level	256 level
Communications					
SIM Card	Micro Sim Card *2	Micro Sim Card *2	Micro Sim Card *2	Micro Sim Card *2	Micro SIM Card *2
Wi-Fi	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11 b/g/n
3G	WCDMA	Support	Support	Support	B1/B2/B5/B8
4G	FDD-LTE & TDD-LTE	Support	Support	Support	/
Location	GPS/Glonass	GPS/AGPS	GPS/AGPS	GPS	GPS
Bluetooth	Bluetooth 4.1	Bluetooth 4.1	Bluetooth 4.1	Bluetooth 4.0	Bluetooth 4.0
USB	USB2.0 *1 Micro USB (OTG) *1	USB2.0 *1 Micro USB (OTG) *1	USB2.0 *1 Micro USB (OTG) *1	Micro USB (OTG) *1	Type-A *1, Micro USB (OTG) *1
Ethernet	/	/	/	/	RJ 45
Credential Reading					
NFC	ISO/IEC 14443 A/B	Option	ISO14443 A/B, MIFARE	ISO14443 A/B	ISO14443 A/B
Barcode Reader	1D, 2D, PDF417, QR code, Code 39 etc...	/	1D, 2D, PDF417, QR code, Code 39 etc...	PDF417, Code 39, Code 128 etc...	/
Smart Card Reader	ISO 7816	/	/	/	/
MRZ Reader	ICAO 9303 & ISO/IEC 7501-1 (2 and 3-line MRZ), ISO/IEC 18013-1 driving licenses (1-line MRZ)	/	/	/	/
Certification					
Certification	CE, FCC	CE, FCC	/	CE, FCC, IP54	CE, FCC, IP54