

BM180

Performance Characteristics	
CPU	Dual Core Processor 1.5GHz
OS	Android 4.2, Windows Embedded 8 Handheld(Planning)
Memory	1GB RAM/8GB ROM (Optional 2GB RAM/16G BROM)
Interface	Docking connector; Micro USB

Communication Options	
WWAN Radio	Optional, HSPA+/HSPA/UMTS, EDGE/GSM
WLAN Radio	Optional, 802.11 a/b/g/n
WPAN Radio	Optional, Bluetooth Classs II V4.0

Data Capture	
RFID	ISO14443A&B, ISO 15693
Camera	Main(Rear): 8 Mega Pixel Auto Focus Camera with LED Flash; Sub(Front): 1.3 Mega Pixel Front Camera
Barcode Scanner	Optional, 2D Imager(1D/2D Barcode)

Payment Options	
MSR	Optional, Integrated Magnetic Stripe Reader (MSR)
Contactless	MiFare, Felica, Calypso

Physical Characteristics	
Dimensions (W x H x D)	77.95 x 152.1 x 16.7mm
Weight	261g
Display	5-inch HD Eyelluminate™ Display; 1280 x 720 pixel
Standard Battery	Rechargeable, 3.7V,1,500mAh,Li-ion
Extended Battery	Optional, Rechargeable, 3.7V, 4,500mAh, Li-ion
Backup Battery	Internal Backup Battery for Hot-Swap Function, Li-polymer 60mAh
Expansion Slot	Customer-accessible MicroSD slot for removable memory cards up to 32G
SIM/SAM Slot	1 SIM / 1SAM (for Contactless Applications)
Audio	VoWWAN; VoWLAN; PTT ready; Dual Microphone With Noise Cancellation
GPS	Integrated AGPS

User Environment Characteristics	
Durability	TankSmith™ Technology; 1.2m / 4ft drop per MIL-STD 810G; IP67 Sealing
Operating Temp	-20℃ to 60℃ / -4°F to 140°F
Storage Temp	-25℃ to 70℃ / -13°F to 158°F
Humidity	95% non-condensing

* Please ask your sales representative for the future-upgradable specs.