

# M80企业级移动终端(Enterprise Digital Assistant)



# M80 Enterprise Digital Assistant

Performance Specifications	
OS	Android 4.4.2(or later)
Language	Android Default, support English,Chinese etc.multilanguage
CPU	Cortex A7 1.3 GHz Quad Core Processor
Memory	LPDDR3: 1GB , eMMC:8GB
Expansion Memory	microSD, support SDHC, up to 32GB; one micro SIM connector
PC Communication	Micro USB 2.0
Sensor	Ambient sensor,proximity sensor,e-compass,G-sensor,Hall sensor
Indicator LED	R/G/B LED
Charging Time	<5 hours (USB wall adapter) <3 hours (Quick Charger Cradle)
Battery life	16.5 hours (LCD backlight brightness 50%, Continuous scanning a PDF417 barcode every 9 sec and sending decoded barcode information over the WLAN link)
Stand-by time	60days
Scanning Specifications	
Aiming&Illumination	617 nm visible red LED; 625 nm visible white LED
Field of View	39° (H) x 25° (V)
Motion Tolerance	Up to 25 in. (63.5 cm) per second;
Scan Angles	Tilt: 360°, Pitch: ± 45°, Skew: ± 65°
Symbologies	1D bar code:UPC/EAN/JAN, Code 39, Code 128, Code 32, Code 93,Codabar/NW7, Interleaved2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post; Postal: Australian Post, British Post, Canadian Post, China Post, ID tag, Japanese Post, Netherlands (KIX) Post, Korea Post, Postnet, Planet Code; 2D barcode:Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code; 2D Stacked:PDF417, MicroPDF417, GS1-128; OCR:OCR-A, OCR-B, E13B(MICR)
RFID	13.56MHz NFC(Optional) , support ISO 15693, ISO 14443A/B etc.
Wireless Connectivity	
WLAN	IEEE 802.11 b/g/n
WLAN Security	WEP, 802.1x, TKIP, AES, LEAP, PEAPv0, PEAPv1, EAP-M, SCHAPv2 EAP-GTC, EAP-TLS, EAP-TTLS, WPA-PSK, WPA2
WWAN	GSM850/900/1800/1900Mhz WCDMA850/900/1900/2100Mhz
WPAN	Bluetooth 4.0
WPAN profiles	GAP,GEOP,SPP,DUN, HFP,HSP,HID,OPP,PAN, ActiveSync-Over-Bluetooth,A2DP,AVRCP,PBAP
GPS	GPS/A-GPS
Physical Specifications	
Display	4.5' FWVGA(480*854); visible under the sunshine
Touchpanel	GFF Captive Touch; Corning Gorilla /Dragon Tail Glass, Hardness>7H
Camera	Auto focus 8Mega, with flash LED
Keypad	Hard Key: Volume Up/Down keys, Right and Left scan keys, Power Key; Soft Key: Three touch keys (Back - Home - Menu)
Audio	speaker, dual microphone(noise cancel),receiver,3.5mm audio jack
Charging interface	1. USB port; 2. Quick Charger Cradle interface
Battery	4100mAh
Dimension	143.9*75.5*18.5 mm
Weight	265 g
Environmental Specifications	
Operation Temperature	-20°C ~ +50°C
Storage Temperature	-30°C ~ +70°C
Humidity	10% ~ 90% (non-condensing)
Drop	Multiple 1.5m drops to concrete( 6 sides)
Tumble	1600 times * 0.5 meter Tumbles to steel plate
Sealing	IP65/IP67
ESD	±8kV contact mode, ±15kV air mode
Vibration	MIL-STD 810G, 2Gs peak, 5Hz to 2kHz, 1 hour per axis; .04g <sup>2</sup> /Hz, 20Hz to 2kHz, 1 hour per axis
Software Service	
Development Environment	Android SDK, Eclipse
Application software	MScan, MWedge, MControl, MLauncher
Accessories	
Standard accessories	5V/2A wall adapter, USB cable, Screen protective film, Handstrap
Optionnal accessories	Quick Charger Cradle, Scan handle
Warranty	
	1 year (include EDA, Battery, USB wall adapter, USB cable)