

XM70 Specifications



TECHNICAL

Operating System	Android 4.1.2 or Windows Embedded Handheld 6.5
Processor	ARM Cortex-A8 CPU @1GHz
Memory	1GB SDRAM / 4GB NAND
Expansion	User-accessible microSD card slot
Power	2400mAh or 4000mAh rechargeable Li-ion battery

PHYSICAL

Dimensions	1.20" H x 3.11" W x 5.75" L / 30.5mm H x 79mm W x 146mm L
Weight	9.85oz / 279g with battery
Keypad	Backlit numeric keypad or backlit PDA keypad (with 4-way navigation)
Display	3.5" Color TFT QVGA (240x320)
Touch Panel	Resistive touch screen

ENVIRONMENTAL

Operating Temperature	14° to 122°F / -10° to 50° C
Storage Temperature	-13° to 158°F / -25° to 70° C
Humidity	5% to 90% RH (no condensation)
Drop	Multiple 4ft / 1.2m drops to concrete on all sides across a wide temperature range
Water & Dust	IP54
Vibration	0.03 G ² /Hz from 20Hz to 2kHz; 1 hour random wave per axis
Electro Static Discharge (ESD)	+/- 15kVDC air; +/- 8kVDC contact
Sterilization	76.9% to 81.4% concentration alcohol rub
Ambient Light	450ft-candelas (artificial light); 8,000ft-candelas (sunlight)

INTERFACE FEATURES

Audio	Speaker and Microphone
Alerts	Vibration, LED indicators, audio beep
LED Indicators	Tri-color
Scan Triggers	Left, right, center buttons

DATA CAPTURE

Imager	Zebra SE4500 (1D and 2D barcode scanning)
1D Symbologies	China Post, Codabar, Codablock F, Code 11, Code 16K, Code 32 Pharmaceutical (PARAF), Code 39, Code 49, Code 93 and 93i, Code 128, EAN-8, EAN-13, GS1-128, GS1 Databar (RSS-144, RSS Limited, RSS Expanded), Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, Korea Post, MSI, Plessey Code, PosiCode, , Straight 2 of 5 IATA (two-bar start/stop), Straight 2 of 5 Industrial (three-bar start/stop), Telepen, Trioptic Code, UPC-A, UPC-A with Extended Coupon Code, UPC-E, UPC-E1
2D Symbologies	PDF417 (EAN-UCC Composite, MicroPDF417, PDF417, TCIF Linked Code 39, TLC39), 4-CB (4-State Customer Barcode), Australian Post, Aztec Code, Aztec Mesas, British Post, Canadian Post, GS1 Data Matrix, Han Xin, ID-tag (UPU 4-State), Japanese Post, KIX (Netherlands) Post, MaxiCode, OCR, Planet Code, Postnet, QR Code

DATA COMMUNICATION

USB	Hi-Speed USB 2.0 (up to 480mbps)
WPAN	Bluetooth v2.1
WLAN	Optional Summit IEEE 802.11a/b/g/n; Cisco certified
Wireless Security	Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP) or PSK Encryption: WPA2 (AES-CCMP), WPA (TKIP), WEP - 40 bit and 128-bit keys

ACCESSORIES

	Single-Slot cradle kit
	Four-Slot cradle kit
	Extended capacity battery

SAFETY/REGULATORY

Safety	EN60950-1:2006/A2:2013, CAN/CSA-C22.2 No. 60950-1-07 (R2012), EN60601-1-2:2014
EMI	FCC Part 15 Subpart B:2013, EN55022:2010+AC:2011, EN55024:2010, ICES-003 Issue 5 August 2012, AS/NZS CISPR 22:2009+A1:2010
RF	FCC Part 15 Subpart C and Subpart B:2013, EN300 328 v1.8.1 (2012-6), EN300 328 v.1.9.0, EN301 489-1 v1.9.2 (2012-10-23), EN301 489-17 v2.2.1 (2012-10-23), RSS 210 Issue 8, AS/NZS 4268:2012/Amdt 1:2013