Introducing the XM60

Microsoft® Windows® CE
Rugged Mobile Computer

JANAM

XM Series

Value and performance.

The XM Series rugged mobile computer delivers all the built-in capabilities today's business applications demand and is smaller, lighter and far less expensive than comparable products. Designed for maximum value and performance, the XM60 is a cost-effective mobile solution for Widows® CE applications.

Get more. Spend less.

The XM60 features a color, quarter-VGA display, Freescale™ MX21 processor, backlit numeric keypad, WLAN and Bluetooth. The XM60 weighs less than 10 ounces, is fully RoHS compatible, meets IP54 sealing requirements and withstands multiple 4'/1.2m drops to concrete across wide temperature range.
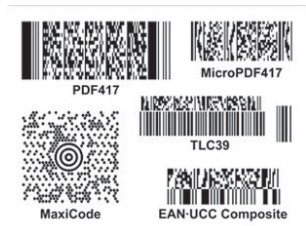
Further enhancing its value, the XM60 features integrated 1D barcode scanning as well as built-in 2D barcode scanning capability. Janam's 2D scanning solution enables users to upgrade barcode scanning capability from 1D to 1D/2D on any device at any time with a simple firmware upgrade.

The right features. The right price.

» Microsoft® Windows® CE 5.0
» High performance barcode scanning
» Small, light and truly pocketable
» Backlit numeric keypad
» Brilliant QVGA color display
» Powerful computing performance
» User-accessible mini-SD memory slot
» Wireless communication options (IEEE 802.11b and Bluetooth)
» Sealed to IP54 standards
» Withstands multiple 4'/1.2m drops to concrete across wide temperature range
» Full system of accessories

With **Adaptus® Imaging Technology**, the XM Series easily reads all types of barcode symbologies including linear, stacked and two-dimensional. Regardless of the type of barcode used today, the XM Series offers the flexibility to adapt as business needs change, without the need to invest in new hardware.

PDF417
MicroPDF417
TLC39
MaxiCode
EAN-UCC Composite

121207XMss1

XM60 Series Specifications

JANAM

TECHNICAL

Operating System	Microsoft® Windows® CE 5.0
Processor	Freescale™ MX21-266MHz
Memory	64MB SDRAM
	64MB NAND
Expansion	User accessible mini-SD slot; compatible with up to 2GB mini-SD card
Battery	Swappable 3.7V 1880mAh rechargeable Li-ion
Backup Battery	Rechargeable 20mAH Ni-MH

PHYSICAL

Dimensions	1.20" H x 3.11" W x 5.75" L / 30.5mm H x 79mm W x 146mm L
Weight	9.88oz / 280g
Keypad	Backlit numeric keypad
Display Size	2.17" W x 2.95" L / 55.0mm W x 75.0mm L
Display Type	262K colors TFT QVGA (240x320)
Touch Panel	Analog resistance type; stylus input

ENVIRONMENTAL

Operating Temp	14º to 122ºF / -10º to 50ºC
Storage Temp	-4º to 140ºF / -20º to 60ºC
Humidity	5% to 90% RH (no condensation)
Drop	Multiple 4ft / 1.2m drops to concrete on all sides at full temperature range
Water & Dust	IP54 Category II
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); 8000ft-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	1D/2D HHP Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager
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, Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, Korea Post, MSI, Plessey Code, PosiCode, Reduced Space Symbology (RSS-144, RSS Limited, RSS Expanded), 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, Data Matrix, ID-tag (UPU 4-State), Japanese Post, KIX (Netherlands) Post, MaxiCode, OCR, Planet Code, Postnet, QR Code

DATA COMMUNICATION

IrDA	Standard v1.2 (up to 115,200bps)
USB	v1.1 client (up to 12Mbps), OTG support
WPAN	Bluetooth
WLAN	IEEE 802.11b radio, 2.4GHz, WPA support

ACCESSORIES

Single Slot Cradle	Synching/Charging Cables	Cable Cup
Four Slot Cradle	Power Supply	Vehicle Charger
Modem Cradle	Line Cord	Holster
Larger Capacity Battery	Adjustable Handstrap	
Magnetic Stripe Reader	Stylus	

SAFETY/REGULATORY

Safety	UL 60950-1, CSA C22.2 No. 60950-1, EN60950, GS
EMI	FCC Part 15 Class B, EN 55022 Class B (CE-EMC), EN 55024 (CE:EMC), AS/NZS CISPR 22 (C-Tick), ICES-003 Class B, SRRC, NOM
RF	FCC Part 15.27, ETS 300 328, ETS 300 826, AS/NZS 4771, IC RSS102, IC RSS210