



Janam XP20

Bar Code Scanner

The durable, resilient, and compact handheld computer.

The Janam XP20 Series handheld computer is designed to execute mission-critical, data collection tasks in the enterprise. Every element of the product's form and function has a purpose.

The XP20 Series handheld computer delivers significant improvements over legacy Palm OS® products, each one aimed at extending the product's reach into the enterprise.

The combination of legacy-protecting features with cutting edge technology makes the XP20 Series handheld computer the right tool for the job.

XP20 Series Specifications



TECHNICAL

Operating System	Palm® OS 5.4.9
Processor	Freescale™ MX21-266MHz
Memory	32MB SDRAM 64MB NAND NAND flash backup of OS, applications and user data
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	1.28" H x 3.11" W x 5.75" L / 32.5mm H x 79mm W x 146mm L
Weight	9.88oz / 280g
Keypad	PDA keypad (with 4-way navigation) or numeric keypad
Display Size	2.17" W x 2.95" L / 55.0mm W x 75.0mm L
Display Type	Bright white monochrome FSTN 160x160 LCD display
Touch Panel	Analog resistance type; stylus input

ENVIRONMENTAL

Operating Temp	14° to 122°F / -10° to 50°C
Storage Temp	-4° to 140°F / -20° to 60°C
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	Buzzer
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 (standard)	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 (upgradeable)	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)
WLAN	IEEE 802.11b radio, 2.4GHz, WPA support

ACCESSORIES

Single Slot Cradle	Syncing/Charging Cable
Four Slot Cradle	Power Supply
Larger Capacity Battery	Line Cord
Magnetic Stripe Reader	Adjustable Handstrap
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