

# XP30 Series specifications



## TECHNICAL

Operating System	Palm® OS 5.4.9 Garnet™
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 4GB 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 PDA keypad (with 4-way navigation) or 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	14° to 122°F / -10° to 50°C
Storage Temp	-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 at full temperature range
Water & Dust	IP54 Category II
Vibration	0.03 G <sup>2</sup> /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
Alerts	Vibration, LED indicators, audio beep
LED Indicators	Tri-color
Scan Triggers	Left, right, center buttons

## DATA CAPTURE

Imager	1D/2D 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)
WPAN	Bluetooth
WLAN	IEEE 802.11b radio, 2.4GHz, WPA support

## ACCESSORIES

Single Slot Cradle Kit	RFID Reader	Stylus 5-Pack
Four Slot Cradle Kit	Cable Cup	Stylus Tether
Modem Cradle Kit	Vehicle Charger	Nylon Holster
Larger Capacity Battery	Synching/Charging Cables	Adjustable Handstrap
Magnetic Stripe Reader	Battery Charger	Operating Case

## SAFETY/REGULATORY

Safety	UL60950-1, CSA C22.2 No. 60950-1-03, EN60950-1:2001+A11, GS, NOM
EMI	FCC Part 15 Subpart B, EN55022:1998+A1: 2000+A2:2003, EN55024:1998+A1:2000+A2:2003, ICES-003 Issue 4, AS/NZS CISPR 22:2004
RF	FCC Part 15 Subpart C and Supart B, EN300 328 v1.6.1 (2004-11), EN301 489-1 v1.6.1 (2005-09), EN301 489-17 v1.2.1 (2002-08), RSS 210 Issue 6, COFETEL
Hazardous Locations	UL Listing (US and Canada) Class 1, Division 2, Groups A, B, C, D