

XG105 Specifications



TECHNICAL

Operating System	Microsoft Windows Mobile 6.1
Processor	Marvell XScale PXA320 @624MHz
Memory	256MB DDR SDRAM, 256MB NAND Flash ROM
Expansion	User accessible microSD card slot
Power	Removable, rechargeable 7.4V 2500mAh Li-ion; hot swap and orderly shutdown; 80mAh Ni-MH backup battery

PHYSICAL

Dimensions	7.24" H x 3.51" W x 9.07" L / 18.4cm H x 8.9cm W x 23.0cm L
Weight	24.4oz / 692g with battery
Keypad	Backlit 42-key and 52-key; Terminal emulation keypads (5250, 3270, VT)
Display	3.7" Color TFT VGA (480x640); 262K colors
Touch Panel	Analog resistance type; stylus input

ENVIRONMENTAL

Operating Temperature	14° to 122°F / -10° to 50°C
Storage Temperature	-40° to 158°F / -40° to 70°C
Humidity	5% to 90% RH (no condensation)
Drop	Multiple 6ft / 1.8m drops to concrete on all sides across a wide temperature range
Tumble	2,000 tumbles at room temperature (4,000 hits)
Water & Dust	IP64 per IEC Sealing Specification
Vibration	0.03 G ² /Hz from 20Hz to 2kHz; 1 hour random wave per axis
Electro Static Discharge (ESD)	+/- 15kVDC air; +/- 8kVDC contact

INTERFACE FEATURES

Audio	Speaker and microphone
Alerts	Vibration, LED indicators, full audio
LED Indicators	Tri-color indicators at top, rear and bottom
Scan Triggers	Pistol-grip trigger (located on handle)

DATA CAPTURE

Scan Engine	Motorola SE96XHP
Scan Repetition Rate	104 (± 12) scan/sec (bidirectional)
Laser Power (650nm)	1.7mW (nominal peak power), aiming mode 0.67mW
Laser Class	CDRH Class II/EC Class 2

DATA COMMUNICATION

WLAN	Summit IEEE 802.11b/g or 802.11a/b/g; Aruba Networks certified; Cisco certified
WLAN Security	WPA-PSK, WPA2-PSK, AES, LEAP, PEAP (MS-CHAPv2), PEAP-TLS, TKIP, EAP-TLS, WEP 40-bit, WEP 128-bit
WPAN	Bluetooth v2.0
USB	v2.0 client (full speed), v2.0 host

SOFTWARE & DEVELOPMENT

Janam XG100 SDK	Odyssey AppCenter	Wavelink Browser*
Summit WLAN SDK	Wavelink Avalanche*	Wavelink TE*

ACCESSORIES

Single-Slot Cradle Kits	Syncing/Charging Cables	Adjustable Handstrap
Four-Slot Cradle Kits	DEX Cable	Stylus 5-Pack
Battery Charger Kit	Stylus Tether	Holster

SAFETY/REGULATORY

Safety	UL60950-1, EN/IEC 60950-1, EN/IEC60950-1, IEC60825-1
EMI	EMI-FCC Part 15 Class B, ICES-003 Class B
RF	FCC Part 15.247, ETS 300 328, AS/NZS 4771, IC RSS102, IC RSS210

*Pre-installed.