JANAM

XG3 Rugged Mobile Computer

Optimized Performance.

In environments where productivity is critical for success, organizations demand the most rugged, reliable and purpose-built mobile computers to eliminate the risk of operational downtime. The XG3 is Janam's next-generation, gun-shaped, rugged mobile computer – incorporating the latest technological advancements in a newly designed form that eliminates the weight and bulk associated with competitive devices. As the lightest industrial-grade mobile computer in its class, Janam's XG3 is built to transform operations across manufacturing facilities, distribution centers, plant floors, loading docks and other harsh environments.

Rugged Construction. Built to Survive.

The XG3 is designed with the user in mind. Every feature and function is carefully selected to ultimately redefine mobility in the workplace. Features include a 3.5-inch color display with hardened glass, ARM Cortex-A8 CPU @1GHz and choice of keypads to provide the performance, power efficiency and flexibility that enterprise and government customers require. The XG3 also provides exceptional battery life with a standard 5200mAh hot-swappable Li-ion battery.

The XG3 offers the latest in barcode scanning technology. With a choice between Honeywell's Adaptus® imaging technology and Motorola's SE965 1D laser scan engine, the XG3 provides unmatched scanning speed and accuracy. With its pistol grip ergonomically designed for user comfort, the XG3 is optimized for scan-intensive, extended shift use.

Janam's XG3 rugged mobile computer is sealed to IP65 standards and survives repeated 6' drops to concrete.

The right features. The right price.

» Lightest industrial-grade mobile computer in its class- under 22 ounces
» Microsoft® Windows® Embedded Handheld 6.5
» Brilliant 3.5-inch VGA TFT display
» High performance barcode scanning
» ARM Cortex-A8 CPU @1GHz
» Multiple 6'/1.8m drops to concrete
» Sealed to IP65 standards
» 512MB/1GB with expansion capability
» 802.11a/b/g/n Wi-Fi and Bluetooth
» Support for Voice Over IP (VoIP)

XG3 Specifications

JANAM

TECHNICAL

Operating System	Microsoft® Windows® Embedded Handheld 6.5
Processor	ARM Cortex-A8 CPU @1GHz
Memory	512MB RAM/1GB ROM
Expansion	User-accessible microSD card slot
Power	5200mAh rechargeable and hot-swappable Li-ion battery

PHYSICAL

Dimensions	7.4" H x 3.1" W x 8.3" L / 188mm H x 79mm W x 211mm L
Weight	21.7oz / 643.5g including battery
Keypad	34-Key Numeric; 57-Key Alpha-Numeric
Display	3.5" Color TFT VGA; 600 NITS
Touch Panel	Resistive touch screen

ENVIRONMENTAL

Operating Temperature	-4º to 140ºF / -20º to 60ºC
Storage Temperature	-40º to 158ºF / -40º to 70ºC
Humidity	95% RH (no condensation)
Drop	Multiple 6ft / 1.8m drops to concrete on all sides across a wide temperature range
Water & Dust	IP65
Electro Static Discharge (ESD)	+/- 15kVdc air; +/- 8kVdc contact

INTERFACE FEATURES

Communication Port	USB 2.0
Audio	Speaker; Microphone; 3.5mm headset jack; Supports VoIP
Alerts	Vibration; LED indicators; audio beep
LED Indicators	Tri-color indicators at top, rear and bottom
Scan Triggers	Pistol-grip trigger (located on handle, side and top)

DATA CAPTURE

Imager	Honeywell N5600 with 1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager
Laser	Motorola SE965; CDRH Class II/EC Class 2; 104 (+/- 12) scan/sec (bidirectional)

WIRELESS COMMUNICATION

WLAN	802.11a/b/g/n
Security	Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP) Encryption: WPA2 (AES-CCMP), WPA (TKIP), WEP
WPAN	Bluetooth v2.1 with EDR

MOBILE APPURTENANCES

Motion Sensor	Accelerometer

ACCESSORIES

	Single-slot USB cradle kit	Four-slot charge only cradle kit
	Single-slot Ethernet cradle Kit	Four-slot battery charger

Safety/Regulatory

Safety	CSA C22.2 No.60950-1-03; UL60950; EN60950-1; EN60825
EMI	FCC Part 15B
RF	FCC Part 15B and 15C, RSS-210, ICES-003