

# SKORPIO™ X4



28-key  
Numeric



38-key  
Functional



50-key  
Alphanumeric

## CHOICE OF WINDOWS EMBEDDED OR ANDROID OPERATING SYSTEMS

The Skorpio™ X4 mobile computer features a high performance multicore 1 GHz architecture that offers blazing speed when running Windows Embedded Compact OS and allows easy upgradeability to the Android OS. Users will never run out of memory with the standard 1 GB RAM and 8 GB Flash.

## OUTSTANDING USER INTERFACE

Equipped with the largest high-visibility 3.2 inch color display touch screen in its class, the Skorpio X4 mobile computer helps users work more efficiently. Three different keyboards are available for maximum efficiency: a 50-key alphanumeric keypad, a 38-key functional keypad and a 28-key numeric keypad.

## ERGONOMIC AND RELIABLE

This rugged mobile computer is particularly suitable for mobile commerce solutions in the retail environment both in-store and back-end receiving applications. With the best ergonomics on the market, the Skorpio X4 mobile computer reduces operator fatigue with no compromise in terms of reliability and robustness, resisting harsh environments, multiple drops, strong shocks and repetitive tumbles. The pistol-grip model has the most durable and comfortable handle in the industry.

## WIRELESS COMMUNICATION

The Skorpio X4 mobile computer's wireless communication capabilities (802.11 a/b/g/n) enables speedy transmission of data, while Bluetooth® wireless technology v4 provides support for the new low energy mode (BLE). The new MIMO antennas provide extended coverage.

## FEATURES

- Large high visibility color display with touch screen
- Choice of 1D or 2D imagers featuring Datalogic's distinctive 'Green Spot' technology for good-read feedback (Green Spot only available on standard range imagers)
  - Auto Range Imager for near/far 2D scanning
  - Now with DPM support on standard range 2D models
  - DotCode support on the DL Focus 2D Imager models
- Wide Band Audio for improved speech recognition (Android™ only)
- Choice of Microsoft Windows
- Embedded Compact 7 or Android v4.4 operating systems
- TI 802.11 a/b/g/n radio with CCX v4 and featuring MIMO antenna technology
- Bluetooth wireless technology v4.0 with BLE (low energy) on Android models
- 1.8 m / 6.0 ft drop resistance
- IP64 protection class
- WEC7 units include:
  - Wavelink® Avalanche™ pre-installed and pre-licensed
  - Wavelink TelnetCE pre-installed and pre-licensed on Pistol Grip units
  - Pal™ pre-installed
  - Upgradable to Android 4.4
- Attachable handle (and orderable pre-installed)
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

## INDUSTRY - APPLICATION

- Inventory/Picking
- Shelf replenishment
- Price management
- Order entry
- Assisted sales
- Line busting
- Shipping/Receiving



# TECHNICAL SPECIFICATIONS

## WIRELESS COMMUNICATIONS

<b>Local Area Network (WLAN)</b>	TI Wi-Link 8, IEEE 802.11a/b/g/n; Frequency Range: Country dependent, typically 2.4 and 5 GHz; Cisco Compatible CCX v4 Security
<b>Personal Area Network (WPAN)</b>	Bluetooth v4 with BLE (Android models); Bluetooth v2.1 + EDR (WEC7 models)

## DECODING CAPABILITY

<b>1D / Linear Codes</b>	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
<b>2D Codes</b>	Aztec Code, Data Matrix, MaxiCode, PDF417, MicroPDF417, Micro QR Code, QR Code
<b>Postal Codes</b>	Australian Post, Japanese Post, KIX Code, Royal Mail, USPS Intelligent Mail, USPS PLANET, USP POSTNET
<b>GS1 Composite Codes</b>	UPC/EAN/JAN Composites, GS1 DataBar Composites and GS1-128 Composite (Composites supported on WEC7 only)

## ELECTRICAL

<b>Battery</b>	Removable battery pack with rechargeable Li-Ion batteries; MicroUSB for fast battery charging Standard: 3.7V; 3,000 mAh (11.1 Watt-hours); standard on all handheld models Extended: 3.7 V; 5,200 mAh (19.2 Watt-hours); standard on all Pistol Grip models
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## ENVIRONMENTAL

<b>Drop Resistance</b>	Withstands drops from 1.8 m / 6.0 ft onto concrete
<b>Particulate and Water Sealing</b>	IP64
<b>Temperature</b>	Operating: -10 to 50 °C / 14 to 122 °F Storage: -20 to 70 °C / -4 to 158 °F

## INTERFACES

<b>Interfaces</b>	Main connector with USB 2.0 High Speed Host (480 Mbps) and Client, RS-232 up to 115.2 Kbps; microUSB port for power and communications; Ethernet: via single dock (external module) or multi-slot dock
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## PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	Handheld: 19.3 x 7.6 x 4.2 cm (6.1 x 3.5 cm at keyboard) / 7.6 x 3.0 x 1.3 in (2.4 x 1.4 in at keyboard) Pistol Grip: 19.3 x 7.6 x 15.6 cm / 7.6 x 3.0 x 6.2 in
<b>Display</b>	TFT / Transflective LCD with 240 x 320 pixel resolution; LED backlight and integrated touch screen, 3.2 inch diagonal
<b>Keyboard</b>	50-key full alphanumeric, 38-key functional or 28-key numeric keyboard
<b>Weight</b>	Handheld (with standard battery): 388 g / 13.7 oz Handheld (with hi-cap battery): 422 g / 14.9 oz Pistol Grip (with standard battery): 482 g / 17.0 oz Pistol Grip (with hi-cap battery): 516 g / 18.2 oz



Caution: Laser Radiation - do not stare into beam

## READING PERFORMANCE

<b>2D Imager (Standard Range)</b>	Megapixel sensor for extended range; White LED Illumination Optical Resolution: 1D codes: 3 mils; 2D codes: 6.6 mils Depth of Field (typical): 4.5 to 74 cm / 1.7 to 29.1 in (13 mil/EAN), depending on bar code density and type; DPM Support
<b>2D Imager (DL Focus)</b>	Megapixel sensor for extended range; White LED Illumination Optical Resolution: 1D codes: 3 mils; 2D codes: 6.6 mils Depth of Field (typical): 4.5 to 42 cm / 1.7 to 16.5 in (13 mil/EAN), depending on bar code density and type; DPM Support; DotCode Support
<b>1D Imager</b>	2,500 pixel sensor; Sharp green LED scan line Optical Resolution: 2.5 mils (linear codes) Depth of Field: 4.0 to 74 cm / 1.5 to 29.1 in (13 mil/EAN), depending on bar code density and type

## SAFETY & REGULATORY

<b>Agency Approvals</b>	The product meets necessary safety and regulatory approvals for its intended use.
<b>Environmental Compliance</b>	Complies to EU RoHS
<b>Laser Classification</b>	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007.
<b>Led Classification</b>	Exempt Risk Group IEC/EN62471

## SOFTWARE

<b>Applications</b>	Pal Application Library pre-licensed (WEC7 only)
<b>Configuration and Maintenance</b>	Wavelink Avalanche® pre-licensed (WEC7 only), 42 Gears SureLock pre-licensed for device lockdown (Android only); SOTI MobiControl, Datalogic xPlatform Utility (DXU) pre-licensed, Datalogic Desktop Utility (DDU) pre-licensed for device lockdown (WEC7 only)
<b>Development</b>	WEC7: Datalogic Windows SDK™, Wavelink® Studio™, MCL-Collection™ Android: Datalogic Android SDK, Xamarin SDK
<b>Browser</b>	SureFox locked web browser pre-licensed for WEC7 and Android models
<b>Terminal Emulation</b>	Wavelink® Terminal Emulation™ pre-licensed (for Pistol Grip/WEC7 models only); StayLinked SmartTE (for Android)

## SYSTEM

<b>Audio</b>	Wideband Speech (HD Audio) supported on Android
<b>Expansion Slots</b>	Micro Secure Digital slot (SDHC) up to 32 GB
<b>Microprocessor</b>	TI OMAP4 @ 1 GHz
<b>Memory</b>	RAM Memory: 1 GB Flash Memory: 8 GB (partially used for firmware and reserved data)
<b>Operating System</b>	Microsoft Windows Embedded Compact 7 (WEC7) or Android v4.4*

## WARRANTY

<b>Warranty</b>	1-Year Factory Warranty
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# ACCESSORIES

### Base Stations/Chargers



- 94A150062 Single Slot Dock with Spare Battery Slot
- 94ACC0079 Optional Ethernet Adaptor for Single Slot Dock
- 94A150055 Four Slot Ethernet Dock
- 94A150034 Multi Battery Charger

### Cases/Holsters

- 94ACC0050 Holster
- 94ACC0052 Rubber Boot



### Miscellaneous



- 95ACC0002 Headset VXI VR12
- 94ACC0127 Bluetooth Headset: BlueParrott B350-XT VXI EU
- 94ACC0124 Bluetooth Headset: BlueParrott B350-XT VXI US