

SKORPIO™ X40/X45



THE NEXT-GENERATION KEY-BASED MOBILE COMPUTER BUILT FOR ALL-DAY OPERATIONS



ALL-DAY COMFORT, DESIGNED FOR REAL WORK

Built for high-intensity retail, light warehousing and manufacturing, the Skorpio X40/X45's compact, well-balanced design sits naturally in the hand — reducing strain and fatigue across long shifts so operators stay productive from receiving to shipping.

VERSATILE DATA ENTRY AND FIELD ADAPTABILITY

Three keyboard layout options with large, well-spaced keys deliver confident, accurate input in any application — even with gloves on.

The field-detachable handle lets operators switch instantly between handheld and pistol grip, adapting to the task without slowing down.

NEVER MISS A SCAN WITH GREEN SPOT

Know instantly when a scan is good. Datalogic's patented Green Spot technology projects a visible confirmation directly onto the label, keeping eyes on the work and doubt out of the picture. Paired with high-performance 2D imagers for fast, accurate reading of 1D and 2D barcodes in any condition, the Skorpio X40/X45 keeps operations moving without missing a beat.

CONNECTED ACROSS YOUR ENTIRE OPERATION

Stay connected across your entire operation — indoors or out. Fast data sync, seamless roaming and the power to run modern enterprise apps without slowing down. Powered by Qualcomm® Dragonwing™ 4490 Octa-Core · 2.4 GHz with 5G and Wi-Fi 6E, and built for Android™ enterprise with the long device lifecycle your fleet depends on.

ZERO DOWNTIME. ZERO COMPROMISE

The Skorpio X40/X45 supports both contact and wireless charging — with wireless eliminating the contact wear, debris build-up and maintenance of traditional pin charging. Full backward compatibility with Skorpio X5 docks and accessories means upgrading your devices doesn't mean replacing your infrastructure.

SKORPIO X40



Wi-Fi 6/6E
10 m Long Range

SKORPIO X45



Wi-Fi 6/6E
Cellular 5G
10 m Long Range

FEATURES

- **Three keyboard options (29, 39 and 48 keys)** with large, well-spaced keys for accurate input with or without gloves
- **Field-detachable handle** - fast switching between handheld and pistol grip
- **2D Standard and Long Range imager** with **Green Spot™** visual scan confirmation
- **4" WVGA display** with **Corning® Gorilla® Glass Victus®** for clear visibility indoors and out
- **Contact and wireless charging** — eliminating contact wear and, debris build-up and maintenance
- **7000mAh hot-swap battery** for uninterrupted 24/7 operation
- **IP65/67** rated, 1.8m drop-tested across full operating temperatures — built to take the daily grind
- **Wi-Fi 6/6E, 5G and Bluetooth® 5.3** — fast, reliable connectivity
- **Qualcomm® Dragonwing™ 4490** Octa-Core · 2.4 GHz processor, 6/128GB memory
- **Android™ 15** with GMS, Android Enterprise Recommended — **upgradeable to Android™ 19**
- **Datalogic Connect** cloud platform for remote device management and fleet insights — compatible with all major **MDM, EMM** and **TE** solutions
- **EASEOFCARE** service plans with Datalogic Shield for Android security patches and OS.

INDUSTRY - APPLICATION

Manufacturing

Inventory control · Shipping & receiving · Work order management · Quality control · Track & trace

Retail

Inventory & replenishment · Online order fulfilment · Price check & update · Goods receiving · Workforce management

Transportation and Logistics

Receiving & putaway · Picking & order fulfilment · Inventory management · Returns

Healthcare

Receiving & quality check · Warehousing & inventory management · Order fulfilment · Returns & batch tracking



TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

Local Area Network (WLAN)	Wi-Fi 6/6E IEEE 802.11 a/b/g/n/ac/ax and 802.11 d/h/i/k/r/v/w/mc; Frequency range: Country dependent, typically 2.4 GHz, 5 GHz and 6 GHz bands; 2 x 2 MU-MIMO; WPA3 Enterprise 192-bit mode supported
Personal Area Network (WPAN)	Bluetooth wireless technology v5.3 (Classic Bluetooth wireless technology and BLE)
NFC Communication	Support for the following standards: Tag types 2/3/4/5 (ISO14443-4 A/B; ISO15693; Mifare; Felica) Reader and Card emulator.
WWAN / Cellular (Skorpio X45 only)	3G/UMTS/HSPA+; LTE-Advanced / 4G+; NR 5G FR1; 3GPP Rel.16; Data only; Global Configuration: WCDMA: B1/2/4/5/6/8/19; FDD_LTE: B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/29/30/66/71; TDD_LTE: B34/38/39/40/41/42/43/48; 5G: n1/2/3/5/7/8/12/13/20/25/26/28/29/30/38/40/41/48/66/71/77/78/79; Private networks and CBRS support (4G and 5G)
Global Positioning System (GPS – Skorpio X45 only)	Supported Types: GPS, Galileo, GLONASS, BeiDou Integrated Assisted-GPS (A-GPS) Dual band GNSS: L1 + L5

ELECTRICAL

Battery	Removable extended battery pack with rechargeable Li-Ion batteries; MicroUSB type-C for fast battery charging. 3.63 V; Rated 7,000 mAh typical (25.445 Watt-hours); Hot Swap for application data protection
Wireless Charging	WPC Qi EPP compatible; 10W charging

ENVIRONMENTAL

Drop Resistance	Multiple 2.4m/8ft drops to concrete at ambient temperature per MIL STD 810H; Multiple 1.8m/6ft drops to concrete over operating temp (-20°C to 50°C/-4°F to 122°F) per MIL STD 810H
Tumbles	3000 1.0m/3.3 ft tumbles at room temperature, meets and exceed IEC 60068-2-32 Procedure 2 specification
Particulate and Water Sealing	IP65 and IP67 with battery, per IEC60529 specification
Chemical Resistance	Chemical cleanser and industrial oil resistant; Water solution of Sodium Hypochlorite 0.8%; Windex Multi-surface / Glassex with ammonia; Formula 409; Glass and Surface cleaner / Glassex with ammonia; Ethyl alcohol 70%; Isopropyl alcohol 70%; Hydrogen peroxide 3%
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -30 to 70 °C / -22 to 158 °F
ESD	15 kV air discharge / 8 kV contact discharge

PHYSICAL CHARACTERISTICS

Dimensions	Handheld: 210 x 75 x 27 mm / 8.27 x 2.95 x 1.06 in Pistol Grip: 210 x 75 x 155 mm / 8.27 x 2.95 x 6.10 in
Weight	Handheld: with battery: 445 g / 15.7 oz Pistol Grip: with battery 575 g / 20.3 oz
Primary Display	4.0-inch LCD A-Si IPS - WVGA 480 x 800 resolution; LED backlight and integrated touch screen; 450 NITS typical
Touch Panel	Touch Screen: 5 points multi-touch capacitive panel with hardened Corning® Gorilla® Glass Victus® and optical bonding; Support for gloves and stylus; water drops rejection and anti-fingerprint surface finishing
Keys	Physical Keyboards: 29-key Numeric; 39-key Functional Numeric; 48-key Alphanumeric; Physical Keys: 2 side scan keys; Power On/Off Software keys: 3 Android soft keys

AUDIO

Microphones	2 mics, with noise cancellation
Loudspeaker	Speaker for handsfree data calls and audio application



READING PERFORMANCE

Camera	Rear Camera: 13-megapixel resolution; Auto focus Illumination: user controllable LED flash (torch mode)
Scan Engine	Halogen™ DE2121-DL 1D/2D scan engine; Halogen™ DE2121-ER Extended Range 1D/2D scan engine; Datalogic's 'Green Spot' for good-read feedback on all scan engines

SENSORS

Vibration	Software programmable for duration and intensity
Accelerometer	3-Axis accelerometer to detect orientation
Gyroscope	Senses angular velocity
Ambient Light	Auto adjusts display backlight
Proximity	Auto deactivates display when close to face
Magnetometer	e-compass for direction and orientation detection
Barometer	Atmospheric pressure / Z-location (Skorpio X45 only)

INTERFACES

Interfaces	High Speed USB 3.2 gen1 Host and Client (Type-C); Super Speed USB 2.0 (Type-C, Bottom I/O); Gigabit Ethernet connectivity (via multi-slot dock)
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SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use.
Environmental compliance	Complies to EU RoHS
Laser classification	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
LED classification	Exempt Risk Group IEC/EN62471

SOFTWARE

DATALOGIC MOBILITY SUITE - Discover more on: datalogic.github.io

Protection	Shield - Android Security Updates; Launcher - to lockdown device to kiosk mode; Enterprise Browser - for secure browsing; Integrity KIT - to safeguard HW interfaces
Configuration	Scan2Deploy - configure, stage and enroll device; OEMConfig - for UEM/EMM compatibility; AE QR Generator - for easy EMM/UEM enrollment; Wi-Fi QR Generator - Enroll device with Wi-Fi network
Development	SDKs (Java, Kotlin, Xamarin, .NET MAUI JavaScript), Visual Formatter - visually code flow for barcode formatting; Wedge - a configurable bar code scanning input method
Optimization	Logger - collect advanced device events log; Wi-Fi Guard - collect Wi-Fi data and statistics. Battery Manager - collect battery usage data and optimize power, including Enterprise Battery Saver - optimize battery consumption by tailoring device behavior to contextual triggers, and Smart Charge - extend battery life by syncing device charge schedule to your operations. Snap OCR - digitizes text, streamlining data entry label parsing. Pocket Mode - prevents mis-operation of the touch screen while the device is in your pocket
Empower	SoftSpot - draggable touch scanner trigger; QuickBoard - customizable on-screen virtual keyboard

Additional Features

Provisioning	Android Zero-Touch, Android Enterprise QR Code, NFC Bump, EMM Token, DPC Identifier enrollment
UEM/EMM	SOTI MobiControl, VMWare Workspace One, Microsoft Intune, 42Gears Sure MDM, Ivanti Neurons, Ivanti and any OEM Config compliant UEM/EMM, Terminal Emulator and PTT; Compatibility Highlight Ivanti Velocity, StayLinked Smart TE, Zello PTT
Datalogic Connect	The next-generation IoT cloud platform that empowers organizations to remotely control, manage, and gain actionable insights from all their deployed Datalogic devices

SYSTEM

SIM Slots	1 Nano SIM; 1 eSIM (Skorpio X45 only)
Expansion Slots	1 Micro SD card (up to 2 TB)
Memory	System RAM: 6GB; UFS Flash: 128 GB
Microprocessor	Qualcomm® Dragonwing™ 4490 Octa-Core · 2.4 GHz
Operating System	Android v15 GMS and AOSP (platform upgradeable to Android 19)
Real-Time Clock	Time and date stamping under software control

WARRANTY

Warranty	1-Year Factory Warranty
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ACCESSORIES

For full accessory range please refer to Skorpio X40/45 accessory guide*



Skorpio X5 single dock with contacts



Skorpio X5 single dock wireless charging



Skorpio X5 3-slot dock with contacts



Skorpio X5 3-slot dock wireless charging



Skorpio X5 4-slot battery charger



SX40/SX45/FX60/FX65, 4SD, WRD, Charge only



SX40/SX45/FX60/FX65, 4SD, Eth, Charge + data



Belt Holster, Skorpio X40/X45



SX40/SX45/FX60/FX65, hand-strap (5pcs)



SX40/SX45 Rubber boot (HH&gun)



OFERTĂ RAPIDĂ

Ai găsit echipamentul potrivit?

Trimite-ne cerințele tale și primești o recomandare configurată pentru aplicația, volumul și bugetul companiei.

OFERTA TA ÎN 3 PAȘI

01

Trimite-ne cerința

Produs, SKU, cantitate sau descrierea aplicației.

02

Verificăm configurația

Compatibilitate, accesorii, stoc și termen de livrare.

03

Primești rapid oferta

Configurație clară, preț și suport pentru decizie.



Scanează pentru cererea de ofertă

autoid.ro/contact

CERE OFERTĂ

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L-V 9:00 - 17:00