



Enterprise Mobile Computer



The **Scepter** mobile computer, from AML, combines tried-and-true convention with the new and contemporary, resulting in the most versatile barcode-scanning mobile computer available today. Designed specifically for rugged environments, the **Scepter** boasts the largest display of any product in its class, sizing up at 5" (127mm). The optically-bonded capacitive touch screen supports the intuitive swiping and gesturing that smart device users are accustomed to.

Powered by Android 7.1 (Nougat) running on a Quad Core 1GHz processor, the **Scepter** has no shortage of power, performance or resources. The dual band 802.11abgn WLAN radio and BT BLE 4.0 radio provide wireless connectivity for inside-the-four-walls environments. A wide variety of barcode scan engines are available along with an optional 5MP camera. We've even included a dual-beam LED flashlight for those dark corners of the warehouse.

For the user interface, the **Scepter's** 5" display provides ample room for a virtual on-screen keyboard. However, the 47-key backlit, tactile keypad delivers proven performance when keyed data is a significant component of the application.

The **Scepter** is the result of combining proven technology with contemporary innovation... an enterprise-grade mobile computer that will excel in virtually any task, delivering the performance and reliability demanded by today's industrial user.

The **Scepter** is engineered and manufactured in the **U.S.A.**

- Android 7.1 Nougat (AOSP)
- Rugged 5" LCD with Capacitive Touchscreen
- Multiple Barcode Scan Engine Options
- Available with or without Pistol-Grip Handle
- 47-key Backlit Alphanumeric Keypad
- Optional Numeric Backlit Keypad
- Dual-band Wi-fi and BT BLE 4.0
- Integrated Flashlight
- Optional 5MP Camera



Physical Specifications

| | |
|--------------------|--|
| Keypad | Alphanumeric tactile feedback - backlit, 47 keys Numeric/Function Tactile Feedback - backlit, 41-keys |
| Trigger | Dual Trigger Design (Scan Engine / Flashlight) |
| Audio | Built-in 1W Speaker Headphone/Mic port (3.5mm standard CTIA Phone Jack) |
| Cradle Port | Charge/Power Device USB Host USB Client |
| Dimensions | 9.5" x 4" x 6.9" (242mm x 101mm x 176mm) (without handle) 9.5" x 4" x 1.75" (242mm x 101mm x 45mm) |
| Weight | 24oz (680g) (without handle) 23.2oz (660g) |

Wireless Data Communications

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|-------------|--|
| WLAN | 802.11abgn Dual Band (2.4GHz / 5GHz), 2x2 MIMO |
| WPAN | BLE 4.0 Dual Mode |

Environmental Specifications

| | |
|-----------------------|-----------------------------------|
| Storage Temp | -20° C to 85° C / -4° F to 185° F |
| Operating Temp | -20° C to 50° C / -4° F to 122° F |
| Drop Rating | 6 Feet / 1.829 Meters |
| Sealing | IP65 |

Standard Warranty

AML products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AML under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AML's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AML, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.

Regulatory Approvals

Class II Laser



Performance Specifications

| | |
|----------------------------|--|
| Processor | Quad Core processor 1GHz |
| OS | Android 7.1 (Nougat) |
| Memory (RAM) | 1GB Dual Channel DDR3L 2GB Dual Channel DDR3L (Optional) |
| Internal Storage | 4GB eMMC |
| Removable Storage | UHS-1 SDXC CARD |
| Graphics | Integrated Vivante video graphic subsystem |
| Camera (optional) | 5MP with Autofocus |
| Sensors | <ul style="list-style-type: none"> Ambient Light sensor Accelerometer Haptic Feedback LED Flashlight |
| Scan Engine Options | 1D Laser; Near/Far 1D Laser; 2D Imager; Near/Far 2D Imager |
| Display | Projected Capacitive Multi-touch Hardened/Tempered Glass Optically Bonded 5.0" - 480 x 800 TFT LCD 550+ NIT Backlight |
| Main Battery | 24.8 Watt-hour Lithium-Ion |
| Backup Battery | 3 Watt-hour Lithium-Ion |

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