# Scepter Pro

# Enterprise Mobile Computer

MADE IN USA SINCE 1983

*Scepter Pro* sets a new standard in mobile computing with an impressive 5.5" AMOLED display with 1080 x 1920 resolution, producing vibrant colors and a sharp clarity not found on conventional TFT displays. The touchscreen display is optically bonded with Gorilla® Glass and features a NIT brightness rating of 500, suitable for indoor and outdoor visibility. The ultra-high resolution and superior contrast ratio makes even the smallest text well defined and legible.

*Scepter Pro* is shipped with Android™ 13 and is powered by the next generation Qualcomm® QCS6490 Octa-core processor running at speeds up to 2.7GHz. Accompanied by a Wi-Fi 6E radio, the *Scepter Pro* is ready for today's demanding applications and whatever challenges the future might bring. Whether running on-premise legacy applications, or cloud-based web applications, *Scepter Pro* can answer the call and out-perform any device in its class.

Pre-loaded AML software utilities allow administrators to configure multiple units quickly, restrict user access to specific tasks, or control the behavior of the barcode scanner to maximize efficiency. *Scepter Pro* truly checks all the boxes for high performance industrial mobile computing.

| Features | Benefits |
|---|---|
| High Performance Architecture | *Scepter Pro* ships with the Android 13 operating system powered by the Qualcomm QCS6490 octa-core processor running at speeds of up to 2.7GHz, making it the most powerful industrial-grade mobile computer in its class. |
| Wi-Fi 6E WLAN | *Scepter Pro* is equipped with a Wi-Fi 6E radio which means, in addition to being backwards compatible with all existing Wi-Fi standards, it also utilizes the 6 GHz frequency band with higher bandwidth channels. This means faster data rates, less interference, and reduced latency. Wi-Fi 6E is ideal for current network configurations, while future-proofing for when a network refresh or expansion becomes necessary. With *Scepter Pro*, what works today, will work tomorrow. |
| Rugged IP65 Rating | Mobile devices will invariably get dropped, and in some environments get exposed to water, dust or other contaminates. *Scepter Pro* is dust tight, and is warranted to survive a 6' drop to a concrete floor or water sprayed from any angle. |
| Preloaded Admin Software | *Scepter Pro* comes preloaded with an array of software applications that make deployment and administration a breeze. Use the AML Barcode Service to configure the barcode scanner, AML Lockdown to limit user access to only specific tasks. Use AML Setup to quickly configure and deploy devices. *Scepter Pro* also comes with a preloaded VT100/VT220 TE client. |
| High Resolution AMOLED Display | *Scepter Pro*'s AMOLED display is a sight to behold. The vibrance of richer colors, better contrast, and improved energy efficiency is ideal for running web based applications and Android™ apps. The 5.5" inch touchscreen display is optically bonded by thick Gorilla® Glass for enhanced durability. |

## Physical Specifications

| | |
|---|---|
| Tactile Keypad | Alphanumeric 47-key or 58-key<br>58-key includes function and arrow keys |
| Trigger | Dual Trigger Design<br>(Scan Engine / Flashlight) |
| Audio | Built-in 2W Speaker<br>Dual Microphone |
| Cradle Port | Charge/Power Device<br>USB Host<br>USB Client |
| Dimensions<br>*(without handle)* | 9.6" x 4" x 7" (24.3cm x 10.1cm x 17.8cm)<br>9.6" x 4" x 1.75" (24.3cm x 10.1cm x 4.4cm) |
| Weight | 24oz (680g) |

## Wireless Data Communications

| | |
|---|---|
| WLAN | 802.11ax (Wi-Fi 6E) |
| WPAN | BLE 5.2 Dual Mode |

## Environmental Specifications

| | |
|---|---|
| Storage Temp | -20 C to 60° C / -4° F to 140° F |
| Operating Temp | -20° C to 50° C / -4° F to 122° F |
| Drop Rating | 6 Feet / 1.8 Meters |
| Sealing | IP65 |

## Performance Specifications

| | |
|---|---|
| Processor | Qualcomm® QCS6490 Octa-core<br>Kyro 670 CPU, 2.7 GHz |
| OS | Android 13+ |
| Memory (RAM) | 4GB LPDDR4 |
| Internal Storage | 64GB Flash |
| Camera | 13MP, 74.4 degrees, with Autofocus & Flash |
| Features | • Ambient Light sensor<br>• Accelerometer<br>• LED Flashlight |
| Scan Engine Options | 2D Imager;<br>Near/Far 2D Imager |
| Display | Capacitive Multi-touch<br>Gorilla® Glass<br>Optically Bonded<br>5.5" - 1080 x 1920 AMOLED Display<br>500 NITS |
| Main Battery<br>Backup Battery | 24.3 Watt-hour Lithium-Ion<br>Lithium-Ion |

## 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.

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