# Triton from AML

## The Next Generation is Here

**SUMMIT** — Enterprise Class Radio

Rugged, Bright-White Backlit Display

Wear-Resistant Keypad

### Built-In Terminal Emulation Clients
The Triton comes with built-in TE clients for VT100/220, TN5250 and TN3270.

### Multiple Barcode Scanning Options
Choose options such as Auto-Ranging 1D Laser or 2D Imaging.

### Optional "Pistol-Grip" Handle
The Triton can be configured with an optional handle for scan-intensive environments.

Just like all AML products, the AML Triton is Made in the USA. Since 1983, AML has engineered, manufactured, and supported our products in Euless, TX.

**MADE IN USA SINCE 1983**

## Dedicated to Wireless Terminal Emulation

Dedicated to Wireless Terminal Emulation The AML **Triton** is designed for wireless terminal emulation applications in warehousing, distribution and other harsh environments. However, the Triton can also be put to work in light-duty applications where Terminal Emulation is utilized.

### TE Applications:
- Inventory Control
- Asset Tracking
- Shipping/Receiving
- Check-In/Out
- Order Picking
- Auditing

# Physical Specs

| | |
|---|---|
| **Dimensions** *(without handle)* | 225 mm L x 89 mm W x 57 mm D (8.9" L x 3.5" W x 2.3" D) |
| **Dimensions** *(with handle)* | 225 mm L x 89 mm W x 208 mm D (8.9" L x 3.5" W x 8.2" D) |
| **Weight** *(without handle)* | 482g / 17 oz. |
| **Weight** *(with handle)* | 709g / 25 oz. |
| **Display** | 160 x 160 pixel Grayscale LCD with LED Bright White Backlight |
| **Battery** | Rechargeable 7.2V Lithium-Ion 2600 mAh, 19.2 watt-hours |
| **Keypad** | 55-key alphanumeric or 35-key numeric |
| **Pistol-Grip** | Optional (Use M7501-XXXX-XX Part number) |

# Performance Specs

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|---|---|
| **Processor** | Samsung® S3C2410 @ 202 MHz |
| **Operating Platform** | AML Embedded Linux® OS; Linux® Kernel 2.6.39 |
| **Memory (RAM/ROM)** | 32 MB SDRAM; 16 MB Non-volatile NOR Flash |
| **Integrated Scanning Options** | Standard 1D Laser; Lorax "Near/Far" Laser; 2D Imager |
| **Development Environment** | AML M7220 SDK for Linux® supporting C and C++; GNU GCC 3.3.5 for ARM-Linux®; Fully Open Sourced Licensing |

# Wireless Data Communicatons

| | |
|---|---|
| **WLAN** | IEEE 802.11b/g/n (Summit SDC-MSD40NBT) |

**SUMMIT**
DATA COMMUNICATIONS

| | |
|---|---|
| **Security** | Wireless Equivalent Privacy (WEP); Wi-Fi Protected Access (WPA); IEEE 802.11i (WPA2) |
| **Encryption** | WEP; TKIP; AES |
| **Antenna** | Internal Dual-band Diversity |

# Wired Data Communications

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|---|---|
| **I/O** | USB Type B (Slave); Serial RS-232 (max. rate 115200 baud) |

# Software Tools

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|---|---|
| **Terminal Emulation** | VT100/102; VT220; TN5250; SSH |
| **Utilities** | Calculator; Bar Code Data Viewer; Linux Console; |
| **Servers** | TELNET; FTP; SSH/SFTP; HTTP |

# Optional Peripherals & Accessories

Triton communication and charging cradle (Red)
Single slot communication and charging cradle
Four slot terminal charger
Four slot battery charger
Vehicle mount terminal charger
Vehicle mount cradle (non-charging)
Holster with adjustable belt

# Environmental Specs

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|---|---|
| **Drop Specifications** | 5' (1.5M) to concrete |
| **Operating Temp** | -10˚ to 50˚C / 14˚ to 122˚F |
| **Storage Temp** | -25˚ to 50˚C / -13˚ to 122˚F |
| **Humidity** | 5% to 90% RH, non-condensing |
| **Electrostatic Discharge (EDS)** | 15kVDC air;  4kVDC contact, all sides |
| **Sealing** | IP51 (dust, drip waterproof) |

# Regulatory Specs

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|---|---|
| **EMI/RFI** | FCC Part 15 Class A |
| **Laser Safety (if equipped)** | CDRH Class II; IEC Class 2 |
| **Restrictions of Hazardous Material** | EU RoHS Compliant / Pb Free |

**AML**

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