

# 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



## Physical Specs

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

## Performance Specs

<b>Processor</b>	Samsung® S3C2410 @ 202 MHz
<b>Operating Platform</b>	AML Embedded Linux® OS; Linux® Kernel 2.6.39
<b>Memory (RAM/ROM)</b>	32 MB SDRAM; 16 MB Non-volatile NOR Flash
<b>Integrated Scanning Options</b>	Standard 1D Laser; Lorax "Near/Far" Laser; 2D Imager
<b>Development Environment</b>	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)



**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

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

## Software Tools

<b>Terminal Emulation</b>	VT100/102; VT220; TN5250; SSH
<b>Utilities</b>	Calculator; Bar Code Data Viewer; Linux Console;
<b>Servers</b>	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

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

## Regulatory Specs

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

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