

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.



Dedicated to Wireless Terminal Emulation

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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 Specifications

Dimensions 225 mm L x 89 mm W x 57 mm D
(without handle) (8.9" L x 3.5" W x 2.3" D)

Dimensions 225 mm L x 89 mm W x 208 mm D
(with handle) (8.9" L x 3.5" W x 8.2" D)

Weight 17 ounces / 482 grams
(without handle)

Weight 22.5 ounces / 638 grams (SE965 scan engine)
(with handle)

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 Specifications

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 Standard 1D Laser;
Options 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 Communications

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

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 Specifications

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

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

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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Corporate Headquarters
2190 Regal Parkway
Euless, Texas 76040

Sales & Customer Service
Tel: 800-648-4452
Fax: 817-685-6232
Email: sales@amltd.com

www.amltd.com
Local: 817-571-9015
Fax: 817-571-6176

Technical Support
Tel: 877-842-3990
Fax: 817-685-6232
Email: support@amltd.com

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