

LT450F TERMITE™ HAND HELD COMPUTER



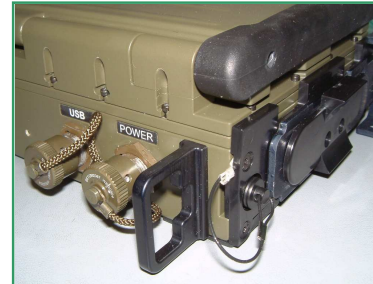
Termite LT450F showing rechargeable battery pack attached (left)

- Operating temperature –30°C + 55°C
- Extremely rugged with environmental performance to MIL STD 810
- EMC to DEF STAN 59-41 Land Class A
- Replaceable/re-configurable keyboard
- High resolution touchscreen
- Full colour 6.1" LCD display
- Up to 2GB Solid State Mass Storage
- 166/266Mhz Pentium (user switchable)

The LT450F is a variant of the standard LT450S Termite handheld computer. Originally designed to meet the UK FC-BISA Fire Control Computer requirement. The case is manufactured in aluminium alloy and is plated and comprehensively finished to provide an extremely durable and scratch resistant coating, suitable for a wide range of military environmental conditions. Bumper strips on the base and lid also provide additional protection and style.

With a 6.1" VGA colour TFT LCD with variable backlight and optional viewing hood, the LT450F can be used in all ambient light conditions with a sharp easy to read display. A boot time of less than 10 seconds is maintained even at temperature as low as –30 °C. A rechargeable 5 ampere hour battery pack gives over 3 hours of continuous use, and over 6 hours with Windows power-saving modes. A battery holder is also available to suit the BB2800 military standard battery, and an adaptor also allows the unit to be run from Clansman batteries.

A dual sealing technique ensures Termite™ not only will withstand up to two metres submersion in water, but also maintains EMC compliance to the most rigorous requirements. The seals also ensure that Termite™ is suitable for transport and use at high altitudes, as well as at low pressures.



Connectors on the LT450F are directly mounted to the case. The battery clip can also be seen here (right)



EDO MBM Technology Ltd

Rugged Systems Division
Emblem House, Home Farm Business Park
Home Farm Road, Brighton
East Sussex BN1 9HU
United Kingdom

Telephone: +44 (0)1273 810 500
Facsimile: +44 (0)1273 810 600
Email: sales@edombmrugged.com

www.edombmrugged.com

EDO mBM
TECHNOLOGY LIMITED

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LT450F TERMITE™ HAND HELD COMPUTER

Part Numbers

MRI / 7135 Termite™ LT450F Rugged Hand Held Computer
MRI / 7096 Removable battery pack (Li-Ion)
LS920583 Display hood (Black)

LS920426 Mains Supply
MRI / 7093 Charger Unit

Feature	Specification
Processor	166 / 266MHz Pentium user switchable. (Optional 800 MHz)
ROM	2 MB
RAM	64 MB Expandable to 256MB
Keyboard	63 position re-programmable matrix (12 mm min spacing) with replaceable pad.
Display	6.1" TFT/ LCD with backlight. Touchscreen
Graphics	VGA 640 x 480 (other screen options available)
Mass Storage	Up to 2GB Solid State CF or 4GB Microdrive.
Pointing Device	Touch Screen
Connectivity	User selectable from:- Serial Ports – Consult Factory Additional HDD, FDD, CD ROM through the USB interface USB interface
Size	205 x 145 x 72 mm(less Battery)
Weight	2.26Kg
Material/ Finish	Aluminium case
Construction	Hermetically sealed compartments
Operating System	Windows: 98, ME, NT, 2000, XP, Linux
Batteries	Re-chargeable Li-Ion Options include BB2800 or 'Clansman' types.
Battery Life	Up to 12 hours at 30% Duty Cycle
External DC	Clean, regulated 12 V @ 5 Amps
External AC	98/260V 40/50/400 Hz via adapter
Options	Larger battery packs available: 10v-18v or 16v-48v DC MIL STD 1275 via adapter

Environmental Characteristics

Operating Temperature - 30° C to + 55° C MIL-STD-810
Storage Temperature - 40° C to + 71° C MIL-STD-810
EMC DEF STAN 59-41 Land Class A Electromagnetic Compatibility
TEMPEST Passed
Ingress by submersion Submersible to 2m depth in water for 30 minutes
Safety BS EN60950 : 2000

Batteries have been classified as non-dangerous under UN Recommendations on the Transport of Dangerous Goods Model Regulations, 11th Edition (ST/SG/AC.10/1 Rev 11).

ЗАО "ЭлектРейд-М"
121248, Россия, Москва,
Кутузовский проспект, д. 7/4, корп. 6, офис 50
Телефон/факс: +7-(095)-974-14-80
E-mail: info@eltn.ru
<http://www.eltn.ru>