



LRT-330 TACTICAL PC

TACTICAL PC SOLUTION LRT-330

DESCRIPTION

The Larimart LRT-330 is an highly integrated tablet computer, with magnesium housing, specifically designed for portable applications.

Fully ruggedized to withstand the tactical environment, the LRT-330 is a strong candidate to replace today most of the ageing military laptops, especially when the predominant use is by a dismounted soldier, as more than ever PC weight and volume become a key issue. As a tactical PC fully conforming to MIL-SPECS, the LRT-330 is a versatile solution for many applications. Its capacity to hold additional hardware interfaces allows system integrators to set-up the widest range of custom configurations.

Including an integrated GPS receiver and SVGA colour display, the equipment is ideal for dismounted applications of localization, map processing, order distribution.

When used inside a vehicle, the LRT-330 will clip into its docking-station and connect automatically to the vehicle GPS, power supply, data lines etc.

When powered by internal batteries (2 battery packs), the hot-swap capability allows the user to change the battery without interruption of operations.

LRT-330 can be operated by means of its function-keys,

button-mouse and high-resolution touch screen; an additional compact rugged keyboard (QWERTY) can be connected at any time.

MAIN FEATURES

The LRT-330 is powered by Pentium class processors, from Geode 266 up to VIA 400/800, with RAM up to 512 Mbytes.

All external tactical connections are rainproof for transportation/storage and operation.

Expansion connections (USB and Audio) become rainproof for transportation/storage by closing the protective cover.

The equipment can be battery-operated (up to 8 hours), or externally supplied from a 12/24 Vdc source (via the relevant connector and power supply cable), or supplied from the docking station.

When an external power supply is present, the equipment recharges its batteries.

A high degree of connectivity is available:

- 2x serial asynchronous, for standard RS-232 or RS-422/485
- LAN, for standard Ethernet 10/100 T/base
- CRT, for external monitor, 800x600 pixels, 16.7 million colours

- LPT, for standard printer
- Keyboard and built-in mouse, PS/2 standard, backlit, rainproof
- 2x USB
- Mic/audio, speaker, for PC audio standard interface

PCMCIA expansion and additional card slot (PCI-104) are available for custom configurations.

Special focus has been given to the ergonomic aspects of the design and the particular conditions of use: a number of functions can be autonomously operated without the touch-screen device or keyboard aid, by using the function keys alongside the display. For tactical use, a single-button operation disables all light and sound signalling.

The LRT-330 vehicle configuration (with the BA-330 shock absorbing base) provides PC mic/audio interface, built-in speaker, VGA and other additional ports to support a number of applications.



LRT-330 INSTALLED ON A FAST PATROL BOAT

LRT-330 INSTALLED ON BA-330 SHOCK ABSORBING BASE



TECHNICAL SPECIFICATIONS

Microprocessor	GEODE 266 / VIA 400/800
RAM	128/256 MB (GEODE version); 128/256/512 MB (VIA version)
Hard Disk	20/40 GB, shock protected (optional: flash disk)
Video Controller	SVGA 1024x768,16M colours
Display	TFT 8.4", 800x600
Touch-screen	resistive, high definition
PCMCIA	type II / III
Functional keys	6 front panel, backlit keys
Pointing Device	front panel micro-joystick, backlit
Keyboard	QWERTY compact, hot-connectable, complete of pointer, backlit
I/O	LAN Ethernet 10/100 MB
	2 USB
	2 serial
	1 parallel EPP/ECP
	1 headset/microphone (optional)
	1 infrared port
GPS	integrated GPS receiver (C/A code)
	RS-232 port for external GPS
GSM module	internal (optional)
Audio PC	embedded, with integrated miniaturized loudspeakers (2)
Audio interfaces	to radio, providing for PTT (optional)
	to GSM internal module (optional)
	to headset/mic. (optional)
Expansion capability	1PCI-104 card
	2 PCMCIA type II / III (card Bus)
Power supply	2 hot swappable batteries
	12/24 Vdc with automatic batteries recharging
Operating time with 2 batteries	8 hrs (typical usage)
Dimensions	272 x 75 x 205 mm (WxHxD)
Weight	3,800 kg including batteries
Operating temperature	-20 to +55°C
Non operating temperature	-40 to +70°C
Altitude test	3,000 m
Vibration/shock/humidity/raining/salt fog	according to MIL-STD-810E
EMC	according to MIL-STD-461C

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