

RLC-2/2G RUGGED LAPTOP COMPUTER

Reliable in the Extreme



MYMILTOPE

Made in the USA, the RLC-2 and RLC-2G feature the most versatile and compact rugged-militarized laptop computer available today. The RLC-2 and RLC-2G have been successfully qualified to MIL-STD-810/461/464 while the RLC-2G delivers the fastest-yet video thanks to its Intel® Graphics Media Accelerator (GMA) graphics processor, that dramatically enhancing all aspects of the visual experience in every application.

RLC-2/2G Features and Functions:

- 14.1" 1024x768 MILBRITE ELG Sunlight Readable Display
- Delivers the fastest-yet 3D video (RLC-2G)
- Operates for up to eight hours on a single battery charge
- Embedded Wi-Fi capability
- Environmentally sealed and backlit full size QWERTY keyboard
- Hula point mouse



SPECIFICATIONS

PROCESSOR:

2 GHz Intel® Pentium® M Processor,
Intel® 915GM chipset

OPERATING SYSTEM:

Windows® XP Pro or Vista, Windows® 2000
Architecture, also supports Linux®

RAM:

512 MB RAM expandable to 2 GB; Intel® Graphics
Media Accelerator (GMA) 900 featuring Dynamic
Video Memory Technology (DVMT) 128 MB,
Extreme graphics with DVMT or optional 256 MB ATI
MOBILITY™ RADEON™ X700 chipset with integrated
heat exchanger

STORAGE:

Up to 160 GB Internally/Externally Shock Isolated
Rugged Removable High Capacity Hard Disk Drive,
IDE or SATA; optional solid-state hard drive 2-64 GB,
Internal DVD+RW/CD-RW, Internal 1.44 MB Floppy
Disk Drive

DISPLAY:

14.1" 1024x768 MILBRITE ELG Sunlight Readable;
optional Touchscreen, display heater

KEYBOARD/PINING DEVICE:

Environmentally sealed and backlit full size QWERTY
keyboard and Hula Point Mouse

INTERFACES:

802.11 b/g (can be removed at time of purchase for
security purposes); RS-232/422/485 (2), USB 2.0 (2),
IEEE-1284 Parallel, SVGA, 56K Modem, 10/100 BaseT
Ethernet, audio in-out, headphone, and microphone;
optional IEEE-1394B Firewire, 1553, 8x232 or PS/2; two
Type II/one Type III PCMCIA card slots with Clamp-Tite
strain relief

PHYSICAL:

Dimensions 12"W x 4"H x 11"D; Weight 11.5 – 13.5 lbs.
(dependent on display and battery configuration);
Combination Magnesium and Polycarbonate chassis

POWER:

18-32 VDC direct connect via DC or NATO power cable;
Rugged external Power Adapter/Charger (115/230 VAC,
auto switchable 47-440 Hz, single phase); Two DR-36
form factor auto switchable Li-ion or NiMH batteries

ENVIRONMENTALS

TEMPERATURE, OPERATING:

MIL-STD-810F, Method 501.4/502.4, Procedure I
and II; Operating Cold start @ -18°C to +60°C (0°F to
140°F) Optional -40°C to +71°C with display heater and
solid-state hard drive; Non-Operating -32°C to +65°C
(-25°F to +149°F)

SOLAR RADIATION:

MIL-STD-810F, Method 505.4, Procedure I,
Diurnal Cycle A1

EXPLOSIVE ATMOSPHERE:

MIL-STD-810F, Method 511.4

SHOCK:

MIL-STD-810F, Method 516.5, Procedure I, 30G,
11 ms, 1/2 sine pulse operational 1 shock each axis;
36" drop shock

VIBRATION:

MIL-STD-810F, Method 514.5, Procedure I, Category 4,
Annex A, Composite wheeled and tracked vehicles,
Figure 514.5C3 operational

ALTITUDE, OPERATIONAL:

MIL-STD-810F, Method 500.4, Procedure I and II,
(sea level up to 12,500 feet)

ALTITUDE, NON-OPERATIONAL:

MIL-STD-810F, Method 500.4, Procedure I and II,
(sea level up to 30,000 feet)

HUMIDITY:

MIL-STD-810F, Method 507.4, Procedure I and II;
Relative humidity Operating 10% to 95%; Non-
Operating 5% to 95% - minimum 10 each, 24 hour
cycles with an operational test performed every
two days

DRIVING RAIN:

MIL-STD-810F, Method 506.4, Procedure I; 1.8"
per hour at 20 mph wind speed operational, for
30 minutes/each surface

SAND AND DUST:

MIL-STD-810F, Method 510.4, Procedure I and II; 20 mph
±3 mph for 30 minutes/each surface, at a concentration
of Sand 2.2 ±.5 g/m³ and Dust 10.6 ±.7 g/m³

SALT FOG:

MIL-STD-810F, Method 509.4

EMI/ESD/HEMP

MIL-STD-461E, RE101-1, RE102-3, RS103, RS105,
CS101, CS114, CS115, CS116, CE101, CE102 and
RS105; MIL-STD-464, Paragraph 5.7.3