



## DRS TACTICAL SYSTEMS RLT-545C RUGGED LAPTOP COMPUTER

### SPECIFICATIONS

#### PROCESSOR:

- ❑ Intel® Pentium III, 600 MHz

#### MEMORY:

- ❑ 256 MB RAM main memory
- ❑ Two PCMCIA IC 2.0 drive, Types I, II and III, allows "hot" insertion of cards
- ❑ Optional, rugged hard drive; can be configured as removable or "fixed" or 3.5" 1.44 MB floppy disk drive

#### DISPLAY:

- ❑ 256K color, 10.4" diagonal 640 x 480 VGA
- ❑ 256 gray scale levels
- ❑ 25 lines x 80 characters in text mode
- ❑ 640 x 480 pixel resolution in graphics mode
- ❑ External VGA monitor connector
- ❑ Screen can lie flat for easier operation

#### KEYBOARD:

- ❑ Sealed Full Travel Elastomer Keyboard with backlight
- ❑ Separate alpha, numeric and function keys
- ❑ Built-in, sealed PARAPOINT three-button mouse
- ❑ Connector for standard 101-key keyboard

#### SOFTWARE:

- ❑ Windows 95/2000 operating system
- ❑ Utility software included
- ❑ Built-In-Test (BIT) self-test and diagnosis

#### SIZE AND WEIGHT:

- ❑ 15.90" x 10.5" x 4.125" (40.4 x 26.7 x 10.5 cm)
- 16 pounds (7.25 kg)

#### ENVIRONMENTAL:

- ❑ Totally sealed design
- ❑ Optional SE version meets MIL-STD-461 E EMC
- ❑ Designed to MIL-STD-810E specifications for harsh environments:
  - Vibration**, Method 514.4, Category 3, Procedure II, Categories 6, 8, 10 Procedure I Loose Cargo, Helicopter, Ground Mobile and Minimum Integrity
  - Altitude**, Method 500.3, Procedure II 15,000 feet
  - Salt Fog**, Method 509.3, Procedure I 48 hours
  - Shock**, Method 516.4, Procedure I, 40 Gs, three times on each axis and Procedure IV, transit drop of 48" for a total of 26 drops (in transit case).
  - Blowing Rain**, Method 506.3, Procedure I, 30 mph wind, 4 inches of rain per hour.
  - Sand and dust**, Method 510.3, Procedure I, Dust 10 gms per cubic cm, 2300 +/- 500 Ft./min. air velocity at 51.7° Celsius
  - Temperature**, -20° to 60° Celsius for operating, and -40° to 70° Celsius for storage.
- ❑ Optional heaters, requiring external power source, provide operation to -40° Celsius

*Note: Optional Floppy drives; rotating media and customer-selected expansion cards may affect environmental performance.*

#### EXPANSION:

- ❑ Two PCMCIA 2.0 Card Drives (see notes under Memory)
- ❑ Two PC/104 Expansion slots (For more information, see notes on PC104 Boards on page 11)

#### POWER:

- ❑ Rechargeable easily removable primary NICAD pack (can utilize 5 alkaline D-cells in backup situations)
- ❑ Rechargeable NICAD back-up battery to support the unit during removal of primary battery pack
- ❑ 11 to 48 VDC input
- ❑ AC power input, 100 to 240 volt AC 50/60 Hz via external adapter
- ❑ Internal lithium battery to power real time clock
- ❑ Quick 5-6 hour battery recharge

#### INTERFACES:

- ❑ Standard RS-232 serial port
- ❑ Standard Ethernet
- ❑ Optional Parallel port (Standard on Model D)
- ❑ Optional second serial port RS-232 or RS-422
- ❑ Optional 1553 Data Bus Interface
- ❑ Optional IEEE 488 port
- ❑ Optional PC/104 expansion slots

**ЗАО "ЭлектТрейд-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**