

JLT 1502

SYSTEM SPECIFICATIONS

PROCESSOR OPTIONS:

- VIA 800Mhz
- Intel Pentium M 1.4Ghz

L2 CACHE:

- 1MB L2 Cache (Pentium M)

RAM OPTIONS:

- SODIMM 256MB (standard)
- SODIMM 512MB (optional)
- SODIMM 1024MB (optional)

DISPLAY:

- 15.1" diagonal
- Color Active Matrix TFT 256k colors
- 120 degree viewing angle, 0-100% dimmable analog control

RESOLUTION:

- XGA (1024 x 768 pixels)

LUMINANCE OPTIONS:

- 400 NIT

USER INTERFACE:

- High resolution resistive touch screen
- Rugged DB9 Keyboard/Mouse port

SOUND:

- Sound Blaster 16 Compatible
- Sound Blaster AC97 (Pentium M only)

GRAPHICS:

- Rage Mobility VGA Controller
- Intel® 855GM w/ 32MB Intel® Extreme Graphics 2 technology (Pentium M only)

STORAGE OPTIONS:

- Hard Drive 20GB 2.5" ATA/IDE (standard)
- Hard Drive 40GB 2.5" ATA/IDE (optional)
- Fixed Flash 2GB to 8GB, 2.5" ATA/IDE (optional)
- PC-Card slot for ATA/IDE (Flash) (optional)
- Compact Flash for ATA/IDE (Flash and Rotating) (optional)

INTERFACES:

- CARDBUS PCMCIA: 2 type II or 1 type III 32-bit
- 2 Serial ports RS232C (COM 1-2, up to 115Kbit/s)
- 2 USB 1.1 A (VIA)
- 2 USB 2.0 (Pentium M)
- 1 Firewire
- Ethernet 10/100-TP, RJ45
- DB9 Mouse/Keyboard port (PS/2 adaptable)
- Buzzer, Microphone, CD line-in and line-out stereo

POWER SUPPLY:

- 9-36 VDC
- 5W standby / 40W operating, Max 55 W
- 110/220 VAC @ 60/50 HZ (optional)

RF:

- CARDBUS PCMCIA compatible

OPERATING SYSTEM OPTIONS:

- Windows XP Professional
- Windows XP Embedded*

*Requires custom OS build

ENVIRONMENT:

- Operating Temperature: -20°C to 50°C
- Storage Temperature: -30°C to 70°C
- Water and Dust Sealing: IP-65
- Jet of Water: IP-67
- Humidity: 10 - 95 % RH, non-condensing
- Vibration: 5-500Hz/4.5 g RMS 3 hours XYZ (non-rotating disks)
- Shock: 30 g for 11ms (non-rotating disks)
- MILSPEC 810E and 810C compliant
- Track vehicle tested
- Highly Accelerated Life Tested (HALT)

REGULATORY APPROVALS:

- DIN 40050 Part 9 IEC 529
- Safety: UL: UL94, Class V0
- FCC: Part 15 Class B
- E-Vehicle directive certified
- International Safety: CE Vehicle, FCC light industry
- Electrical: ISO7632-1, reverse polarity, dual battery
- EMC Susceptibility: ISO7637-1. -2, EN61000-4-2
- EMC Emissions: EN55022
- Temperature: IEC 68-2-36 Fdb, IEC 68-2-27, IEC 68-2-1 Ad IEC 68-2-2 Bc, IEC 68-2-30 Db, IEC 68-2-1 Aa, -2 Ba, 14 Na

PHYSICAL CHARACTERISTICS:

- Precision Milled Aluminum Housing
- 14"(w) x 11"(h) x 2.5" (d)
- 5.3 kg

WARRANTY:

- One Year limited
- Three year extended

