

Vehicle Mounted Computers



| Model Name | | TREK-775 | TREK-775 Anti freeze model | TREK-776 | TREK-776 Anti freeze model | TREK-743 |
|-----------------------------|---------------------------------|---|-------------------------------|---|-------------------------------|--|
| Processor | | Onboard Intel ULV Celeron M 600 MHz / LV Pentium M 1.1 GHz | | | | Onboard AMD LX800 500 MHz |
| 2nd Cache Memory (L2 cache) | | Celeron M 512k cache / Pentium M 1 MB cache | | | | 128 KB |
| OS | | Supports Windows 2000/XP; Windows CE.NET; Windows XP Embedded and Linux compliant | | | | WinCE 5.0; Windows XP Embedded |
| Memory | Size | Up to 2 GB DDR SDRAM | | | | Up to 1 GB DDR SDRAM |
| | Module Type | 184 pin DIMM x 2 | | | | 200 pin SODIMM x 1 |
| Storage | | One internal CompactFlash type I/II socket for CF card or one IDE interface for HDD | | | | One internal CompactFlash type I/II socket for CF card |
| Graphics | Size/Type | 10.4" TFT LCD | | 12.1" TFT LCD | | 7" TFT LED LCD |
| | Max. Resolution | 800 x 600 | | 1024 x 768 | | 800 x 480 |
| | Max. Colors | 256 K or above | | | | 262 K |
| | Brightness (cd/m ²) | 400 | | 450 | | 400 |
| | Viewing Angle (degrees) | 140/110 | | 160/160 | | 140/120 |
| | Backlight MTBF | 50,000 hrs. | | 50,000 hrs. | | Min. 10,000 hrs. |
| VGA | Chipset | Intel 855GME | | | | AMD LX800 |
| | VRAM | 64 MB (SMA) | | | | 32 MB |
| Touchscreen | Technology | Analog Resistive | | | | Analog Resistive |
| | Control Port | USB | | | | RS-232 (COM3) |
| Brightness Control | | Brightness control buttons | | | | |
| I/O Port | | 2 x RS-232 (COM3, COM4) 2 x RS-232/422/485 (COM3, COM4) 2 x USB v2.0, 1 x PS/2 KB, 1 x PS/2 Mouse | | | | 3 x USB v2.0, 2 x RS-232/422/485, 1 x CAN, 4 x DI/DO |
| Expansion | | One Mini PCI Type III A/B slot | | | | |
| | | PCMCIA Type II x 2 / III x 1 | | | | N/A |
| Network (LAN) | | 10/100 Base-T Ethernet | | | | |
| GPS | | Option (COM3) | | | | Option |
| Power | | 9 ~ 58 VDC | | | | 9 ~ 36 VDC |
| | | AC-to-DC adapter (optional) | | | | N/A |
| Operating Temperature | | 0 ~ 40° C (32 ~ 104° F) | -20 ~ 60° C (-4 ~ 140° F) | 0 ~ 40° C (32 ~ 104° F) | -30 ~ 60° C (-22 ~ 140° F) | -20 ~ 60° C (-4 ~ 140° F) |
| Certification | | UL, CE, FCC Class B, CSA | | | | UL, CE, FCC Class B, CCC, CSA |
| Dimensions (W x H x D) | | 310 x 255 x 80 mm (12.20" x 10.04" x 3.15") | | 310 x 255 x 90 mm (12.20" x 10.04" x 3.54") | | 255 x 160 x 50 mm (10.04" x 6.30" x 1.97") |
| Weight | | 3.8 kg (8.38 lb) | | 4.8 kg (10.58 lb) | | 1.7 kg (3.7 lb) |