



Verdugo System Mobile Computer Terminals Minimum Specs and Recommendations for Future MCT Purchases As of September 13, 2010

For future MCT purchases, agencies are encouraged to perform their own review of mobile computer models and to select the best model for their department-specific needs, as long as they at least meet Verdugo's specifications listed below.

New MCT's Should Have At Least:

- Processor:** Intel Core 2 Duo processors
- Hard drive:** 60 GB
- RAM:** 4 GB
- Operating System:** Windows XP
(Windows 7 & 64-bit Windows versions are NOT supported)
- Video:** VGA output
- Monitor:** Touch screen (screen size and intensity are up to the individual department)
- Keyboard**
- Built-in wifi**
- Ports:** 4 USB 2.0, 2 RS232, LAN port, audio jack optional
- Keyboard:** Backlighting



Additional Recommendations and Considerations

- Ruggedized
- Backlighting of keyboard is beneficial for night viewing
- Solid-state hard drive

GPS Device for Automatic Vehicle Location

Verdugo System units are currently equipped with puck-like GPS receivers that are mounted on the bulkhead and connect to the mobile computer via serial or USB connection. The serial connection appears to be far more stable, as long as the configuration uses true serial connection and not serial port emulation via software. It is strongly recommended that future GPS device replacements or initial installations include only the serial type devices. Several fire departments favor the USGlobalSat MR-350P device along with the BR305-RS232 cable set with PS2 male power and RS232 data links (<https://www.usglobalsat.com/p-58-mr-350p-bulkhead.aspx>). Another consideration is that mobile computers often come with integrated GPS now. Glendale Fire is currently testing a Dell ruggedized mobile computer with integrated GPS.