

IN-VEHICLE COMPUTER SYSTEM

ABSTRACT OF THE DISCLOSURE

An in-vehicle computer system includes a host computer, a mode switch and a backup microprocessor. When the host computer functions ordinarily, the mode switch is in a regular mode as a default, and the host computer uses various graphical interfaces on a display to control the operations of electronic devices implemented in a vehicle. The electronic devices can include a digital versatile disc (DVD) player, an MP3 player and a global positioning system (GPS). When a total failure of the computer occurs, the mode switch is switched to a backup mode, and the host computer is replaced by the backup microprocessor to control a backup graphical processor to extract backup graphical interfaces from a backup storage medium for graphical processing and further presentation on the display. Thus, a driver can continuously control the corresponding electronic devices through the backup graphical interfaces on the display.

(FIG. 1)