

Mobile Computer Terminal



RadioMobile MCT-8000



MCT-8000 shown with IQ Mobile V4 Map

MCT-8000 Features

- > Designed for the mobile environment
- > Ideal for mobile computing and AVL applications
- > Competitive pricing
- > Compact size
- > Modular design
- > Solid state hard drive
- > Touch screen display
- > Wireless communication options
- > Interface with modem
- > Fanless heat pipe technology
- > High performance CPU platform
- > Mobile power supply with ignition sense providing power-up and power-down control
- > Upgradable industry standard components
- > Windows XP Professional operating system



The MCT-8000 excels in the mobile computing environment and competes *hands-down* against laptops.

High Performance

Mobile applications run effortlessly on the Intel state of the art processor and high performance graphics chip set, which, combined with a solid state hard drive, ensures high performance.

Infinitely Upgradable

The use of off-the-shelf components provides infinite upgradability and ease of repair while extending the life of your investment. Replace displays, keyboards, and components while keeping your unit in service.

Touch Screen Options

Several touch screen display options are available including 10.2" and 12" models. The metal display enclosure is tough and sized right for tight installations.

Rugged and Adaptable

The rugged extruded metal case and flexible modular design allows for numerous mounting configurations providing practicality and personnel safety.

Fast Return on Investment

All the above factors combined ensure that fleet owners are acquiring a quality product that will pay for itself in up front and maintenance costs.

RadioMobile

making mobile data affordable

A Division of RF Industries

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MCT-8000 Specifications

General Specifications

- > Processor — Intel® Dual Core Atom™ 1.6GHz
- > Memory — 1 GB or 2 GB DDR2
- > Hard Drive — Solid State 30GB with options up to 250GB
- > User Ports
 - USB 2.0 — 4 external
 - Video — D-sub 15 pin
 - Ethernet — RJ-45
 - Serial — D-sub 9 pin
 - Parallel — D-sub 25 pin
- > Power Supply — ATX 125W with 6-24VDC input for automotive use
- > Case — Fanless, enclosed, rugged extruded metal 7" (H) x 7"(W) x 3"(D)
- > Cooling — Heat pipe technology
- > Display — 10.2" with touch screen and audio with 12" option
- > Keyboard (optional) — Backlit, industrial, movable

Motherboard Specifications

- > Intel® Desktop Board D945GCLF2
- > Form Factor — Mini-ITX
- > Chipset — Intel® 945GC Express featuring Intel® Graphics Media Accelerator 950
- > PCI slot — Expansion slot for custom system configurations and future add-in card upgrades
- > Integrated 10/100/1000 LAN: Onboard 10/100/1000 Mb/s Ethernet LAN connectivity
- > High Definition Audio (6-Channel) with front panel header: integrated stereo audio at an excellent value
- > Support for up to eight Hi-Speed USB 2.0 ports: Four back panel ports and two onboard
- > Headers supporting four additional USB 2.0 ports
- > Two Serial ATA ports (3.0 Gb/s)
- > S-Video connector

Hard Drive Specifications

- > OCZ Technology 2.5" SATA II Solid State Drive
- > Performance
 - Read — up to 155Mb/s
 - Write — up to 90Mb/s
- > Shock resistance — 1500G
- > MTBF — 1.5 million hours
- > Operating Temp: -10°C – +70°



MCT-8000 with 12" touch screen display



Show with IQ Mobile Software (V5) and conventional RF Transceiver



The MCT-8000 CPU module housing is a tough extruded metal cube

Specifications are subject to change.