

## Brings decision making to ground level

FLEXIBLE, FAST AND USER FRIENDLY



The 8570 Wireless Client/Server Vehicle-Mount Computer puts wireless supply chain management right where the data is – at the dock, on the warehouse floor, or in the yard. Compatible with the leading pen-based software solutions and standard off-the-shelf applications, this rugged, color touchscreen computer gives mobile workers the data capture and management tools to make rapid decisions regarding receiving, put-away, replenishment, picking, shipping, and container and cargo tracking.



### ADVANTAGES

- Suitable for PC client/server and terminal applications. Compatible with Windows 2000/XP, MY-T-Soft (English) and other leading pen-based software
- Full range of computing flexibility and functionality supports key open architectures and integrates seamlessly with wireless LAN solutions
- Rugged design meets NATO military specifications for shock, vibration and operating conditions
- 802.11a,b,g 32 bit cardbus standard compatibility provides seamless integration with Psion Teklogix wireless backbone and terminals ensuring interruption-free roaming
- High-resolution, internally backlit color TFT display (SVGA model with hi-bright capability for day use)
- Convenient mounting options, including vehicle-mount and fixed locations for cross-docking and work-in-progress



# 8570 Vehicle-Mount Computer



8570 Vehicle-Mount Computer



8570 with Optional Keyboard



8570 with Optional Mounting and Keyboard

## Specifications

### PROCESSOR & MEMORY

- VIA 400 MHz Processor
- Optional VIA 800 MHz Processor
- Intel Pentium® M 1.1 GHz (Future)
- 128 MB SODIMM (144 pin SDRAM PC133) memory standard
- 256 MB SODIMM (144 pin SDRAM PC133) available as option
- 512 MB SODIMM (144 pin SDRAM PC133) available as option
- On-die 64KB second level cache

### HARD DISK

- Internal 20 GB hard disk
- Optional storage upgrade available

### WIRELESS COMMUNICATION OPTION

- IEEE 802.11a,b,g 2.4 GHz Spread Spectrum, Direct Sequence Data Rates: up to 54 Mbps

### SECURITY

- Wired Equivalent Privacy (WEP)
- LEAP support with Cisco 350 radio

### PERIPHERALS

- Any standard serial or USB peripherals
- External backlit IBM PC/AT-compatible keyboard (NEMA 4)
- Tethered scanners
- CD ROM kit
- USB floppy drive

### DISPLAY

- TFT 12.1"/30.7 cm; SVGA 800 x 600, 256k colors; 120 degree viewing angle; Hi-bright 500 NIT; 0-100% dimmable
- Super Hi-bright option (1000 NIT)
- 5 wire touch screen
- High-transparency resistive digitizer with hardened glass
- Passive pen or any non-electronic pointing device, including fingertip
- Digital brightness control, 0-100% dimmable
- S3 Savage 4 Twister-T Graphic Controller
- Up to 32MB Video RAM

### SIZE & WEIGHT

- 12" x 9.3" x 2.4"/30.5cm x 24cm x 6.1cm
- 8 lbs/3.7kg
- Enclosure: 2-piece precision milled powder-coated aluminum

### ENVIRONMENTAL

- **8570 Standard Temperature:**  
Operating Temp: -4°F to 140°F/-20°C to 60°C  
Storage Temp: -22°F to 167°F/-30°C to 75°C  
Humidity: 5 - 96% non-condensing
- **8570 Freezer/Extreme Temperature:**  
Operating Temp: -31°F to 140°F/-35°C to 60°C  
Storage Temp: -22°F to 167°F/-30°C to 75°C  
Humidity: 5% to 96% relative humidity (condensing)
- **Shock:**  
Non-Operating disk:Vibration: 4.5 g-rms/5 - 500Hz 3 hours XYZ;  
Shock: 30 g for 11 ms, 3 x XYZ  
Operating disk:Vibration: 1.0 g-rms/5 - 500Hz 3 hours XYZ;  
Shock: 180 g for 2 ms

- Meets or exceeds NATO-Military Specifications 810, IP 66

### POWER

- 9-36 VDC, 5 W standby/20 W operating, max 45W

### STANDARD EXTERNAL PORTS

- 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
- 1 Firewire
- Ethernet 10/100-TX, RJ45
- DB9 Mouse/Keyboard port (PS/2 adaptable)
- Buzzer; Microphone, CD line-in and line-out stereo

### EXPANSION SLOTS

- Cardbus PCMCIA: 2 type II or 1 type III 32 bit

### SOFTWARE COMPATIBILITY

- Phoenix® IBM PC/AT 'Plug and Play' compatible BIOS
- Microsoft® Windows® 2000 (XP option) with Pen Extensions and soft-configurable floating on-screen keyboard
- My-T-Soft® on-screen keyboard (English only)

### LANGUAGES

- English (standard)
- French
- German
- Spanish
- Chinese

### SPEAKER AND SOUND CAPABILITIES

- Soundblaster 16-bit compatible, internal buzzer

### CLOCK/CALENDAR

- On-board clock/calendar with battery backup

### OTHER FEATURES

- ACPI power button
- Built-in cable strain relief
- Multiple mounting points

### REGULATORY APPROVALS

- DIN 40050 Part 9 IEC 529
- Safety: UL: UL94, Class VO
- FCC; part 15 Class B
- E-Vehicle directive certified
- International Safety: CE Vehicle, FCC light industry
- Electrical: ISO 7632-1, reverse polarity; dual battery
- EMC Susceptibility: ISO 7637-1 -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

\*Specifications are subject to change without notification.