8255/8260 Vehicle-Mount Computer

FEATURES

- Dual Type II PCMCIA slots: one for ATA expansion card for mass data storage, the other for choice of radio support

- Extensive radio support: IEEE 802.11b 2.4 GHz frequency hopping spread spectrum; 902 MHz spread spectrum and narrowband; Mobitex wide area

- Terminal Development Kit provides programming tools for developing real-time or batch applications

- Unparalleled support for advanced emulations including IBM 3270, 5250, HP 2392 and ANSI VT220

- Application-optimization to suit your ERP, WMS or supply chain software system

- Choice of three display options to suit your needs: Vacuum Fluorescent, Liquid Crystal or Electroluminescent

- Smallest vehicle-mount footprint in the industry

- Low-temperature (-20°C/-4°F) and freezer condensing (-30°C/-22°F) versions available

Meeting the new supply chain demands

UNRIVALLED FLEXIBILITY AND RUGGEDNESS

Success in today's fast-paced economy demands real-time information from across your supply chain. The 8255 and 8260 Vehicle-Mount Wireless Computers meet the challenge, allowing mobile workers to instantly collect and transmit inventory information, yielding better operations planning and improved customer turnaround times. The 8200 Series offers unprecedented flexibility: DOS-based, user-programmable, and able to support a wide range of wireless radios, these computers will adapt to meet the changing needs of your business. Built to withstand the harshest physical environments without compromising accuracy or high-speed performance, the 8200 Series offers unrivalled speed and flexibility in a tough package.

PSION TEKLOGIX

information in motion

8255 VFD Display

8255 LCD Display

8255 VFD with Low Profile Keyboard

8260 LCD Display

8260 EL Display

8260 LCD with Low Profile Keyboard

Specifications

PROCESSOR & MEMORY

- Microprocessor: 32-bit 486 DX, 66 MHz with 8 cache
- Flash: 4 MB Flash ROM, expandable to 8 MB
- RAM: 8 MB, expandable to 16 MB
- Operating System: IBM DOS 7.0

WIRELESS COMMUNICATION OPTIONS

- IEEE 802.11b 2.4 GHz Spread Spectrum, Direct Sequence
  Data rates: 1, 2, 5.5, 11 Mbps
- Narrowband
  Transmission power: 2 Watts, North America; 0.01 to 2 Watts, International
  Data rate: 4.8, 9.6 or 19.2 Kbps
  Channels: 1 to 16

PERIPHERALS

- Two industrialised I/O ports are standard on all units
- Support decoded and non-decoded tethered scanners, printers, and serial devices
- Internal beeper, volume and tone control

KEYBOARD

- 55 silicon rubber, backlit, low impact keys: ABC, QWERTY, or AZERTY format
- Low profile keyboard available with washdown capability - 55 silicon rubber, low impact keys: ABC, QWERTY, or AZERTY format
- 50 re-mappable keys
- 10 function keys (36 addressable)
- 12 macro keys

DISPLAY

- **8255 VFD - Vacuum fluorescent**
  Backlight: Not required
  Active Area: 52mm × 166mm/2.0'' × 6.5''
  Font Sizes: 2×16, 2×21, 3×16, 3×25, 4×12, 4×16, 4×21, 4×23, 4×32, 5×32, 6×16, 6×21, 6×25, 6×32,10×32, 10×42, 10×51 (lines × characters)
  Resolution: 2
  Resolution: 256 w × 80 h
  Attributes: Normal, inverse video, blink, underline
- **8255 LCD - Supertwist FSTN LCD**
  Backlight: Cold cathode fluorescent tube with programmable auto shutoff
  Active Area: 68mm × 175mm/2.7'' × 6.9''
  Font Sizes: 6×40, 6×53, 8×40, 9×64, 10×32,10×40, 10×53, 11×58, 11×80,12×80, 16×40, 16×53, 16×64, 16×80, 25×80, 25×106, 25×128 (lines × characters)
  Resolution: 640 w × 200 h
  Attributes: Normal, inverse video, blink, underline
- **8260 LCD - Supertwist FSTN LCD**
  Backlight: Cold cathode fluorescent tube with programmable auto shutoff
  Active Area: 148mm × 196mm/5.8'' × 7.7''
  Font Sizes: 15×53, 16×40,19×40, 22×64, 24×32, 24×40, 24×53, 26×80, 28×58, 30×80, 40×40, 40×53, 40×64, 40×80, 60×80, 60×106, 60×128 (lines × characters)
  Resolution: 640 w × 480 h
  Attributes: Normal, inverse video, blink, underline

- **8260 EL - Electroluminescent**
  Active Area: 158mm × 211mm/6.2'' × 8.3''
  Font Sizes: 15×53, 16×40,19×40, 22×64, 24×32, 24×40, 24×53, 26×80, 28×58, 30×80, 40×40, 40×53, 40×64, 40×80, 60×80, 60×106, 60×128 (lines × characters)
  Resolution: 640 w × 480 h
  Attributes: Normal, inverse video, blink, underline

ANTENNA

- Magnetic-mount or whip antenna

SIZE & WEIGHT

- 8255 - Enclosure: 16 gauge steel with baked enamel finish; Width: 287mm/11.3''; Height: 229mm/9.0''; Depth: 102mm/4.0''; Weight: 3.8kg/8.4 lbs
- 8260 - Enclosure: 16 gauge steel with baked enamel finish; Width: 287mm/11.3''; Height: 229mm/9.0''; Depth: 64mm/2.5''; Weight: 3.4kg/7.5 lbs
- 8260 Keyboard - Enclosure: 16 gauge steel with baked enamel finish; Width: 287mm/ 11.3''; Height: 117mm/4.62''; Depth: 30mm/ 1.2''; Weight: 1.1kg/2.4 lbs

ENVIRONMENTAL & POWER SPECIFICATIONS

- **8255 VFD Std. Temp.**
  Storage Temp: -40°C to 70°C/-40°F to 158°F
  Operating Temp: -10°C to 60°C/14°F to 140°F
  Humidity: 5 - 95% relative humidity, non-condensing
  Voltage: 12 to 48 VDC (nominal). An optional external pre-regulator extends the upper limit to 72 VDC (nominal)
- **8255 VFD Low Temp.**
  Storage Temp: -40°C to 70°C/-40°F to 158°F
  Operating Temp: -30°C to 60°C/-22°F to 140°F
  Humidity: 5 - 95% relative humidity, non-condensing
  Voltage: 12 VDC (nominal)
- **8255 VFD Freezer/Extreme Temp.**
  Storage Temp: -40°C to 70°C/-40°F to 158°F
  Operating Temp: -30°C to 60°C/-22°F to 140°F
  Humidity: 5 - 96%, freezer condensing
  Voltage: 24 to 48 VDC (nominal)
- **8255 LCD Std. Temp.**
  Storage Temp: -20°C to 60°C/-4°F to 140°F
  Operating Temp: 0°C to 50°C/32°F to 122°F
  Humidity: 5 to 95%, non-condensing
  Voltage: 12 to 48 VDC (nominal). An optional external pre-regulator extends the upper limit to 72 VDC (nominal)
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- **All 8255 & 8260** displays and temperature versions are rated to:
  Shock: 30g peak sawtooth shock pulse, 11 ms duration on each axis
  Random Vibration: 1.5g RMS, 4Hz to 500Hz, 60 min. duration on each axis
  Rain/Dust: Rated to IP66 as per IEC 529, NEMA 4 and 4

APPROVALS

- FCC Part 15 Class B
- CE mark for Europe: conformity to Council Directives
- 89/336/EEC, 72/73/EEC and 1999/5/EEC
- EMC: Complies with standards EN55022 class B and EN 50082 -1

ACCESSORIES

- Mounting Hardware
- Scanners
- Printers

*Specifications are subject to change without notification.