FEATURES

- Engineered to overcome cold storage (-30°C/-22°F) challenges: frozen keyboard, window fogging, display failures and internal corrosion

- Water-resistant, backlit keyboard enhances visibility in dark environments

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

- Choice of three display options to suit your needs: Vacuum Fluorescent (VFD), Liquid Crystal (LCD) or Electroluminescent (EL)

- Shock-mounted internal components, sealed against condensation, rain and dust, and impact tested

- Smallest vehicle-mount footprint in the industry

Meeting cold supply chain demands

BUILT TO BEAT THE COLD

Success in today's fast-paced economy demands real-time information from across your supply chain. The 8255 and 8260 Vehicle-Mount Wireless Computers keep that information flowing from multi-temperature zones within your operation. Designed for cold storage applications, these heated computers allow mobile workers to instantly collect and transmit inventory information in condensing environments down to -30°C/-22°F, yielding better operations planning and improved customer turnaround times. DOS-based, user-programmable, and able to support a wide range of wireless radios, the 8200 Series will adapt to meet the challenges of your environment.

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
- Lucent 802.11b 2.4 GHz Spread Spectrum, Direct Sequence
  Data rates: 1, 2, 5.5, 11 Mbps
  Transmission Power: 32 mW
- 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, 3×16, 5×32, 5×42, 10×32, 10×42, 10×51 (lines × characters)
  Resolution: 256 w × 80 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: 16×40, 19×40, 24×40, 25×80 (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: 16×40, 19×40, 24×40, 25×80 (lines by 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 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)
- **8260 LCD Freezer/Extreme Temp.**
  Storage Temp: -30°C to 60°C/-22°F to 140°F
  Operating Temp: -30°C to 50°C/-22°F to 122°F
  Humidity: 5 - 96%, freezer condensing
  Voltage: 24 to 48 VDC (nominal)
- **8260 EL 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)
- **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 4X

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.

A WORD ABOUT PSION TEKLOGIX

Psion Teklogix provides mobile computing solutions for the enterprise. The company's systems, installed in more than 10,000 sites worldwide, provide mobile workers with anytime, anywhere access to enterprise IT systems. The largest operating division of Psion PLC, Psion Teklogix plays a key role in its parent company's vision to create new ways to access mobile data and the mobile internet. Psion Teklogix has 43 sales and support offices and 95 independent distributors throughout the worl