Psion 8525

Psion 8525 – The Robust Power Pack

The rugged Psion 8525 works reliably even under the most demanding conditions: The mobile computer is operational even under operating temperatures between -30 and +60 degrees Celsius - thanks to heated components and the exceptional sealing of the housing.

YOUR ADVANTAGE

Increase productivity with this small and very tough vehicle computer, versatile in use wherever rush and lack of space dominate the business

The device withstands even strong shocks and vibrations easily and enables reliable and efficient data processing even under the most difficult work conditions.

In addition to a powerful technology package the robust small computer convinces with an extraordinary color touch screen in half-VGA format and a stable energy supply.
Thus the Psion 8525 facilitates mobile computing for your employees. This increases motivation and productivity.

Note: The Psion 8515 does not work with our mobile order management software PSV3®

Characteristics

- Operates smoothly under operating temperatures between -30 and +60 ºC thanks to heated components and exceptional sealing of the housing
- Withstands extreme shock loads and vibrations easily
- Broad supply voltage range of 10 to 90 volts allows for installation in any vehicle without an additional primary controller, power supplies or filters
- Optionally available internal backup battery allows for operation in the turned off vehicle
- Windows®-based, has an XScale processor, WiFi, and Bluetooth® - and narrowband interfaces, as well as a number of external ports for peripheral devices
- Color touch screen in half-VGA (640 x 240, 8.8 ") with excellent readability
- Integrated keyboard, available in different formats, always with 10 function keys
- Extremely rugged lightweight casing made of powder coated magnesium

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Product Information - HARDWARE

PROCESSOR AND MEMORY
- Marvell® XScale PXA 270, 520Mhz
- On-board RAM: 128 MB SDRAM
- On-board ROM: 64 MB FLASH

OPERATING SYSTEM
- Microsoft® Windows® CE 5

WIRELESS COMMUNICATION
- 802.11b/g Compact Flash Radio
- WPA 1, 801.11i/WPA 2
- Encryption – Dynamic WEP, AES
- EAP Types - LEAP, PEAP MS-CHAP v2, PEAP GTC, EAP-FAST,TLS,TTLS
- CCX v4 Certified
- Narrowband radio 400-500MHz
- Bluetooth®
- External antenna options
- Internal antenna options
- Diversity antenna options

USER INTERFACE
- Display: 1/2 VGA 640x240 (8.8")
- Transmissive TFT for readability even in sunlight
- CCFL backlight, 220 cd/m2 with brightness control

Touch screen:
- Operable with stylus or finger
- Extremely robust 5 wire technology
- Anti reflective coating

EXTERNAL SLOTS
Tether-Port with:
- 1 RS232 Serial Port (decoding scanners, printers)
- non-decoding Scanner Port
- USB Host

1 Port with:
- DB9 RS232 (Optionally 5/12V to pin 9)

1 High Density Port with:
- 1 RS232 Serial Port
- 1 USB Slave Port
- 2 USB Host Ports

POWER SUPPLY
- Integrated power supply 10-90VDC for operation on forklifts
- Standard 5 min super capacitor backup
- Optionally integreted UPS (12.6V Li-Ion battery) for operation during power blackout
- Integrated quick charging device
- >1 week time buffer

APPLICATION AREA
Standard
- Operating temperature: -20°C to +60°C
- Storage temperature: -35°C to +70°C
- 5% to 95% (non-condensing)

Freezer
- Operating temperature: -30°C to +60°C
- Storage temperature: -35°C to +70°C
- 5% to 95% (non-condensing) with internal heating
- Rain&Dust protection: IEC 529, Classification IP66
- 3 axle vibration: 1.5 g RMS PSD (4 – 500 Hz)
- 3 axle shock:
  30 g 11 ms in each axle
  IEC 60721-3-5M2

DIMENSIONS AND WEIGHT
- Dimensions: 297 x 293 x 118 mm
- Weight: ca. 4,3 kg
- Including backup battery and radio card

CERTIFICATIONS
- IEC 60950-1 2001
- EMC: FCC Part 15 Class B
- Complies with European R & TTE Directive

ACCESSORIES
- Antenna options
- Different holding fixtures
- Optional backup battery