8585

Vehicle Mount Computer

PSION

Vehicle Mount Intelligence for Rugged Environments

The 8585 is the latest rugged vehicle mount computer from Psion that has been designed and built for the tough demands of such environments as warehouses, ports, manufacturing plants and airports. This rugged vehicle mount computer is compact and still provides full PC functionality with its Windows® XP operating system. Thus, the 8585 ensures your workers are equipped with the tools they need to get the job done efficiently and effectively.

Features & Benefits

Compact Design
The 8585 takes up very little space. It's thin design makes it simple to mount wherever space is available in your vehicle.

Once mounted, the compact dimensions of the 8585 ensures that it is there for your workers when needed and it does not get in the way while they perform other tasks.

The Latest In Mobile Technology
Built with the Intel Atom® processor, the 8585 consumes minimal power, but still operates quickly due to its 1.1 GHz processor speed.

Fast & Reliable Communication
Even in demanding WLAN networks, the 8585 ensures that you are always connected with the rest of the team. Featuring an integrated diversity-antenna space diversity and 802.11 a/b/g/n WLAN, the 8585 provides reliable communication and fast throughput.

Extreme Ruggedness
The 8585 has been tested on strict Standards for shock and vibration. Its IP66 rating means it is protected against vibration, dust and other impacts. Whether it is mounted to non-suspension vehicles or machines with substantial imbalances, the 8585 will keep providing workers the support they need.
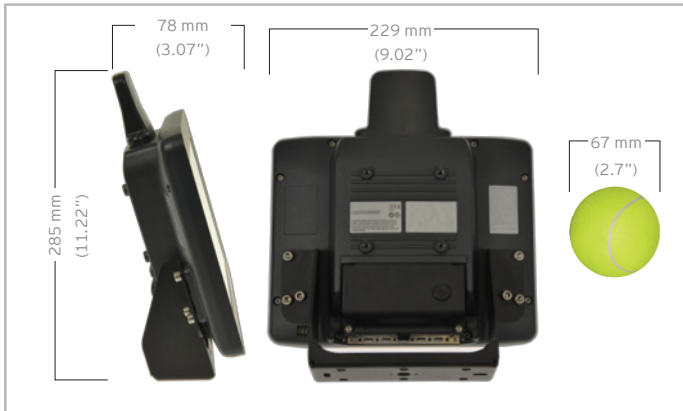
Manufacturing

Ports & Yards

Airports

Warehouses

8585

Specifications*

78 mm (3.07") 229 mm (9.02") 67 mm (2.7")

285 mm (11.22")

Processor & Memory
- Intel Atom® 1.1 GHz
- Starting at 2 GB Flash Media
- Up to 16 GB CFast Flash ROM
- 1 GB RAM

Operating System
- Windows® XP Embedded
- Windows® XP Professional
  *Available March 2011
- Windows® Embedded Standard 7
  *Available March 2011

Displays & Touch Screen
- SVGA 800 x 600
- Size: 10.4" diagonal
- LED Backlight
- Resistive touch screen

Enclosure
- Material: Coated Aluminum

Size & Weight
- Dimensions: 285 mm x 229 mm x 78 mm (11.22" x 9.02" x 3.07")
- Weight: 4 kg (8.9 lb)

Audio / Voice System
- Integrated speaker
- Speaker/Mic via handset, optionally

Indicators
- Power On LED
- Temperature warning
- Mass Storage Activity

Interfaces
- 1 x RS-232
- 2 x USB 2.0 host
- 1 x Service USB 2.0
- 1 x Speaker/Mic
- LAN: RJ45 10/100/1000 Mbps

Environmental
- Operating temperature range: -30°C to 50°C (-22°F to 122°F)
- Storage temperature range: -35°C to 65°C (-31°F to 149°F)
- Humidity (operating): 10% to 90% at 40°C, non-condensing
- Dust & water protection: IP66
- Shock & vibration: Class 5M3 according EN 60721-3-5
- UV: Per MIL-STD 810F (US Highway Truck)

Wireless Communications
- 802.11 a/b/g/n
- PCIe MiniCard

Power Management
- 24-48 VDC, galvanically isolated
- 12/24 VDC
  *Available March 2011
- Voltage sags up to 5 VDC can be handled for up to 20 seconds

Regulatory Approvals
- FCC Part 15 Subpart B, Class B, Emissions
- Industry Canada ICES-003 Class B
- EN 55022:1998, Class B, Emissions
- EN 55024:1998 Immunity
- EN 60950-1, UL 60950-1, CSA 22.2 No. 60950-1, Safety
- ISO7637-1/2 Vehicle transients

A complete list of accessories is available at: www.psion.com

RoHS

Product is ROHS Compliant.

* Note this product will carry the CE Mark.
* Specifications are subject to change without notice.

Accessories

Keyboard Options
The 8585 offers multiple keyboards to users including the colour option with 72 keys and the 82-key option with integrated backlighting.

Mounting Options
A wide range of mounting options ensures that you get the right fit for your particular application.

Powered by Windows® Embedded

For more information, please visit www.psion.com