

# 8585 / 8595

## Vehicle Mount Computer

Psion



## Vehicle Mount Intelligence for Rugged Environments

The 8585 and 8595 are the latest rugged vehicle mount computers from Psion that have been designed and built for the tough demands of such environments as warehouses, ports, manufacturing plants and airports. These rugged vehicle mount computers are compact and still provide full PC functionality with a Windows® XP operating system. Thus, the 8585 and 8595 ensure your workers are equipped with the tools they need to get the job done efficiently and effectively.

## Features & Benefits

### Compact Design

The 8585 and 8595 take up very little space. Their thin design make it simple to mount wherever space is available in your vehicle.

Once mounted, the compact dimensions of the 8585 and 8595 ensure your workers have access to their computer when needed without it getting in the way while performing other tasks.

### The Latest In Mobile Technology

Built with the Intel Atom® processor, the 8585 and 8595 consume minimal power, but still operate quickly due to their 1.1 GHz processor speed.

### Fast & Reliable Communication

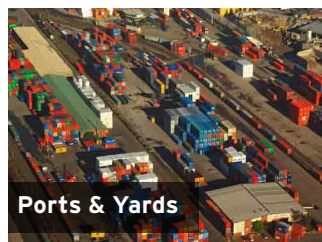
Even in demanding WLAN networks, the 8585 and 8595 ensure that you are always connected with the rest of the team. Featuring an integrated diversity-antenna space diversity and 802.11 a/b/g/n WLAN, the 8585 and 8595 provide reliable communication and fast throughput.

### Extreme Ruggedness

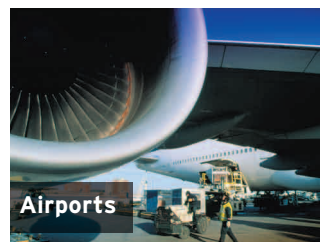
The 8585 and 8595 have been tested on strict Standards for shock and vibration. Their IP66 and IP67 rating means they are protected against vibration, dust and other impacts. Whether mounted to non-suspension vehicles or machines with substantial imbalances, the 8585 and 8595 will keep providing workers the support they need.



Manufacturing



Ports & Yards



Airports

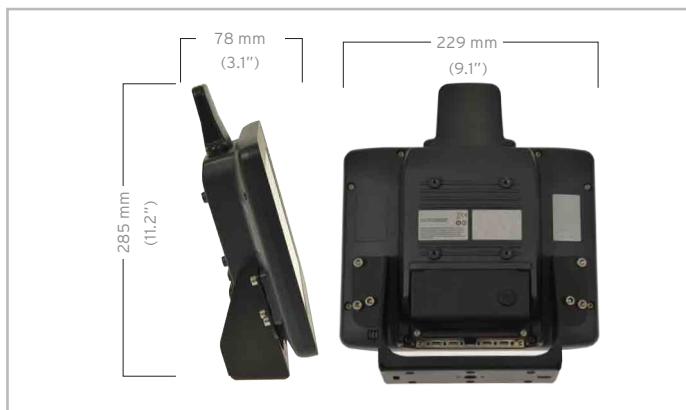


Warehouses

# 8585 / 8595

## Specifications\*

### 8585



#### Processor & Memory

- Intel Atom® 1.1 GHz
- Starting at 4 GB CFast Flash ROM
- Up to 16 GB CFast Flash ROM
- 1 GB RAM



#### Operating System

- Windows® XP Embedded
- Windows® XP Professional
- Windows® Embedded Standard 7

#### Displays & Touch Screen

- 8585
- SVGA 800 x 600
  - Size: 10.4" diagonal
  - LED Backlight
  - Resistive touch screen
  - Sunlight Readability Option

#### 8595

- XGA 1024 x 768
- Size: 12.1" diagonal
- LED Backlight
- Resistive touch screen

#### Enclosure

- Material: Coated Aluminum

#### Size & Weight

- 8585
- Dimensions: 285 mm x 229 mm x 78 mm (11.2" x 9.1" x 3.1")
  - Weight: 3 kg (6.6 lb)

#### 8595

- Dimensions: 325 mm x 258 mm x 79 mm (12.8" x 10.1" x 3.1")
- Weight: 3.5 kg (7.7 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



### 8595



#### 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/IP67
- 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

- 12-24 VDC or 24-48 VDC internal power supply
- 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](http://www.pSION.com)



Product is ROHS Compliant.

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

#### Accessories

##### Keyboard Options

The 8585 / 8595 offer 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.



For more information, please visit [www.pSION.com](http://www.pSION.com)

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