



## VEHICLE MOUNT COMPUTERS

# MOTOROLA 8585 / 8595

The 8585 and 8595 are the latest rugged vehicle mount computers 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 or Windows® 7 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.

### COMPACT DESIGN

The 8585 and 8595 take up very little space. Their thin design makes 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® Single Core processor or the AMD Dual Core processor, the 8585 and 8595 consume minimal power, but still operate quickly due to their 1.x GHz processor speed.

### FAST AND 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 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.

## VEHICLE MOUNT INTELLIGENCE FOR RUGGED ENVIRONMENTS

For more information, please visit [www.motorolasolutions.com/8585](http://www.motorolasolutions.com/8585)  
or [www.motorolasolutions.com/8595](http://www.motorolasolutions.com/8595)

## TECHNICAL SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

|                                    |   |
|------------------------------------|---|
| Dimensions                         | 8585: 9.1 in. L x 11.2 in. H x 3.1 in. D<br>(229 mm L x 285 mm H x 78 mm D)<br>8595: 10.1 in. L x 12.8 in. H x 3.1 in. D<br>(258 mm L x 325 mm H x 79 mm D)                                     |
| Weight                             | 8585: 6.6 lb / 3 kg<br>8595: 7.7 lb / 3.5 kg  |
| Keyboard Options                   | Multiple keyboards including the color option with 72 keys and the 82-key option with integrated backlighting   |
| Power                              | 12-24 VDC or 24-48 VDC internal power supply; Voltage sags up to 5 VDC can be handled for up to 20 seconds  |
| Display                            | 8585: 10.4 in. diagonal SVGA (800 x 600); LED Backlight; Resistive touch screen; Sunlight Readability Option<br>8595: 12.1 in. diagonal XGA (1024 x 768); LED Backlight; Resistive touch screen |
| Audio / Voice System               | Integrated speaker; Speaker/Mic via handset (Optional)  |
| Interfaces                         | 1x RS-232; 2x USB 2.0 host; 1x Service USB 2.0; 1x Speaker/Mic; LAN: RJ45 10/100/1000 Mbps  |
| Mounting                           | Quick release mount; standard RAM mounts; adapters for legacy mounts; heavy duty mount; cantilever mount  |
| Indicators                         | Power On LED; Temperature warning; Mass Storage Activity  |
| <b>PERFORMANCE CHARACTERISTICS</b> |   |
| CPU                                | Intel Atom® (Single Core) 1.1 GHz;<br>AMD G-T40E (Dual Core) 1.0 GHz  |
| Operating System                   | Windows® XP Embedded; Windows® XP Professional; Windows® Embedded Standard 7; Windows® Professional   |
| Memory                             | Starting at 4 GB CFast Flash ROM; Up to 16 GB CFast Flash ROM; 1 GB RAM with Intel; 2GB RAM with AMD  |

### USER ENVIRONMENT

|                   |                                     |
|-------------------|-------------------------------------|
| Operating Temp.   | -30°C to +50°C / -22°F to +122°F    |
| Storage Temp.     | -35°C to +65°C / -31°F to +149°F    |
| Humidity          | 10% to 90% at 40°, non-condensing   |
| Sealing           | IP66; IP67                          |
| Shock / Vibration | Class 5M3 according EN 60721-3-5    |
| UV                | Per MIL-STD 810F (US Highway Truck) |

### WIRELESS DATA COMMUNICATIONS

|      |                              |
|------|------------------------------|
| WLAN | 802.11a/b/g/n; PCIe MiniCard |
|------|------------------------------|

### REGULATORY

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

### ACCESSORIES

For a full list of accessories, visit [www.motorolasolutions.com/8585](http://www.motorolasolutions.com/8585) or [www.motorolasolutions.com/8595](http://www.motorolasolutions.com/8595).

### WARRANTY

Subject to the terms of Motorola's hardware warranty statement, the 8585-8595 Vehicle Mount Computers are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to: <http://www.motorolasolutions.com/warranty>

### SERVICES AND SUPPORT

- Psion Primary Service

### WHERE IS THE 8585/8595 AT HOME?

#### Industries

- Manufacturing
- Ports & Yards
- Airports
- Warehouses

