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
or www.motorolasolutions.com/8595

TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS	
Dimensions	8585: 9.1 in. L x 11.2 in. H x 3.1 in. D (229 mm L x 285 mm H x 78 mm D) 8595: 10.1 in. L x 12.8 in. H x 3.1 in. D (258 mm L x 325 mm H x 79 mm D)
Weight	8585: 6.6 lb / 3 kg 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 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
PERFORMANCE CHARACTERISTICS	
CPU	Intel Atom® (Single Core) 1.1 GHz; 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.motorolasolutons.com/8585 or 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

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MOTOROLA

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business anytime, anywhere

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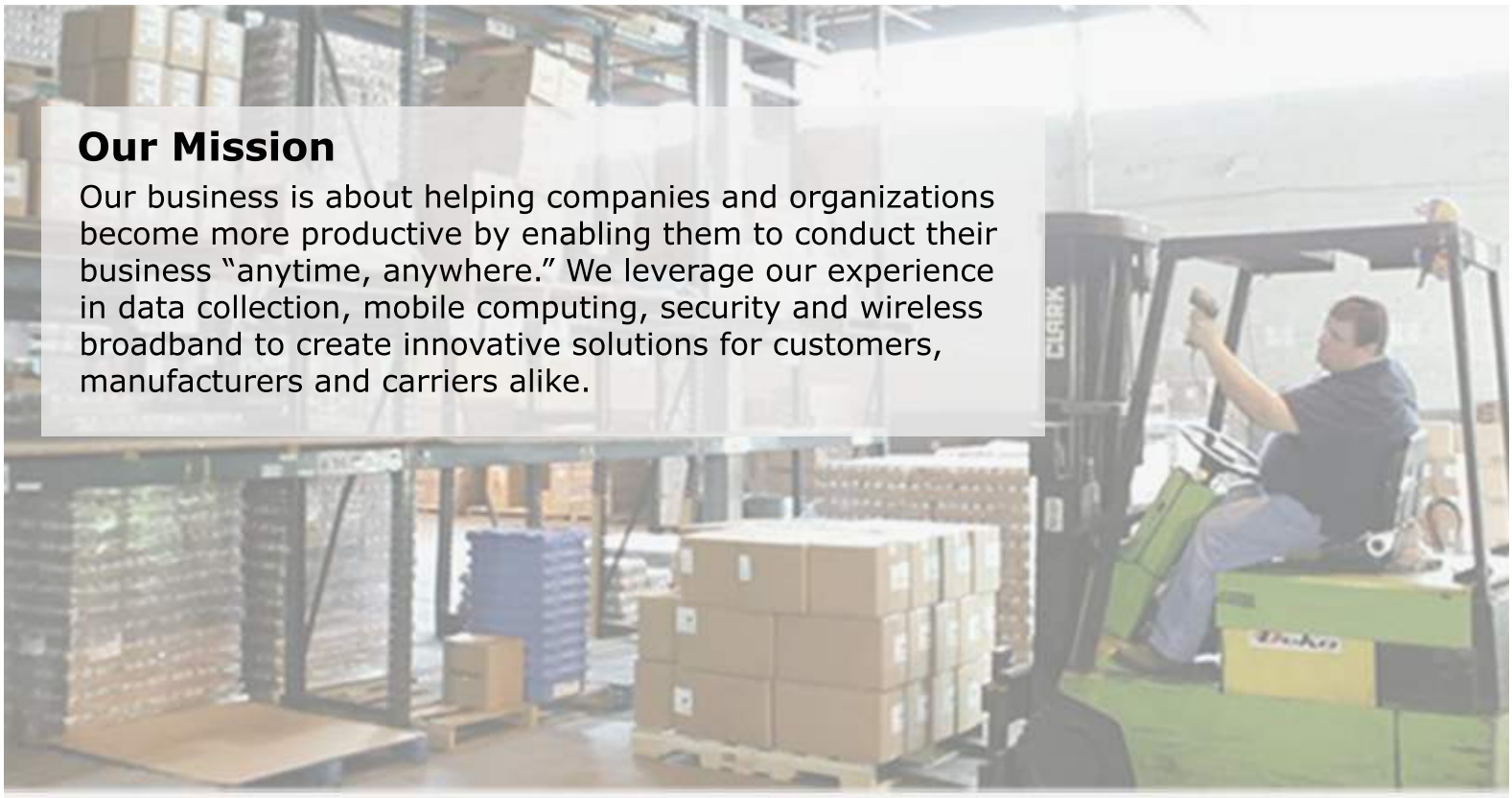

Our Mission

Our business is about helping companies and organizations become more productive by enabling them to conduct their business "anytime, anywhere." We leverage our experience in data collection, mobile computing, security and wireless broadband to create innovative solutions for customers, manufacturers and carriers alike.

Our E-Commerce Websites

AutoIDSavings.com

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- Vehicle Mount Computers
- Barcode Verifiers
- RFID Readers / RFID Media
- RFID Printers
- Wireless Networks
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