

MCASE Series

Embedded Computer

■ Embedded Computing for
Business-Critical Continuity™

PRELIMINARY DATA SHEET

A fully featured application-ready embedded computer

- Features the 2nd generation Intel® Core™ i5-2510E (3M Cache, up to 3.10 GHz), dual-core processor with QM67 Express Chipset
- Long life cycle for embedded applications
- Suitable for customer development and deployment
- Supplied with a range of mountings
- Small size enclosure

The MCASE series of embedded computers from Emerson Network Power consists of a Mini-ITX enclosure featuring the MITX-CORE-820 motherboard. MCASE is a fully configured application-ready platform ready to be powered up and loaded with applications.

The MCASE series is suitable for use in consumer portal applications like digital signage, intelligent kiosk and slot machines. The integrated dual graphics display outputs are capable of full HD video playback on large display panels. MCASE is a ready-to-go, integrated solution that includes CPU, memory and hard disk. For quick deployment, MCASE is supplied with an external power supply and a range of mounting brackets.

MCASE features embedded graphics, multiple video-out options and 2nd generation Intel® Core™ i5 multi-core processor which make it an ideal fit for applications requiring multi-screen deployment, and for those applications requiring additional horsepower to run video analytics or media control applications. Alternative processor, memory and disk combinations can be provided through the Emerson RapiDex service.

Full Intel® vPro™ certification provides a robust toolset to integrators and service providers who value security and remote management in their deployed applications.



Specifications

CONFIGURATION

- 2nd generation Intel Core i5-2510E (3M Cache, up to 3.10GHz) dual-core processor
- QM67 Express chipset Mini-ITX motherboard
- 4GB DDR3-1066 DRAM
- 320GB SATA hard drive

ENCLOSURE

- 233 mm x 64 mm x 207.5 mm
- Plastic construction

FRONT I/O CONNECTIVITY

- Power on/off button
- System LEDs
- Two (2) audio jacks
- Two (2) USB 2.0 Type A ports

REAR I/O CONNECTIVITY

- Four (4) USB 2.0 Type A ports
- Two (2) RJ-45 Gigabit Ethernet, one supporting AMT
- Five (5) audio jacks and Toslink optical connector from HD audio
- Stacked VGA 15-pin connector and RS-232 COM port
- Two (2) DisplayPort connectors
- Rear I/O DC power connector with input range of +14V to +19V

EXPANSION

- Full-size Mini PCI Express slot
- Half-size Mini PCI Express slot

ENVIRONMENTAL

- Operating temperature: 0 °C to 35 °C

EMC COMPLIANCE STANDARDS

- Class B (FCC, VCCI, CE, KC, AS/NZ)

SAFETY STANDARDS

- UL/CSA 60950-1, EN 60950-1 and IEC 60950-1
- UL/CSA No. 60950-1 US and Canada
- IEC 60601

Package Contents

CUSTOMERS WILL RECEIVE:

- One (1) MCase integrated enclosure
- External power brick with US power cable
- One (1) CD containing Windows/Linux drivers and documentation
- One (1) Quickstart manual covering:
 - ▲ Package contents
 - ▲ Board layout
 - ▲ CPU and memory installation instructions

Ordering Information	
Part Number	Description
MCASE-820	QM67 board installed in case, 4GB (2x 2GB) DDR3 RAM, second generation Intel® Core™ i5-2510E CPU and cooler, power supply and US power cable, 320GB or larger SATA drive

SOLUTION SERVICES

Emerson Network Power provides a portfolio of solution services optimized to meet your needs throughout the product lifecycle. Design services help speed time-to-market. Deployment services include global 24x7 technical support. Renewal services enable product longevity and technology refresh.

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■ **Embedded Computing**

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■ Racks & Integrated Cabinets

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