

# MCASE Series

## Embedded Computer

■ Embedded Computing for  
Business-Critical Continuity™

### PRELIMINARY DATA SHEET

#### A fully featured application-ready embedded computer

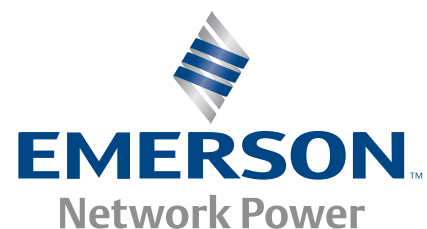
- Features the 2nd generation Intel® Core™ i5-2510E 2.5 GHz, dual-core processor with QM67 Express Chipset
- Long life cycle for embedded applications
- Suitable for customer development and deployment
- Supplied with a range of mountings
- Small size enclosure

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 processing 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.

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 2.5 GHz 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.

Intel, Core and Celeron are trademarks of Intel Corporation. All other product or service names are the property of their respective owners. © 2011 Emerson Electric Co.

This document identifies products, their specifications, and their characteristics, which may be suitable for certain applications. It does not constitute an offer to sell or a commitment of present or future availability, and should not be relied upon to state the terms and conditions, including warranties and disclaimers thereof, on which Emerson Network Power may sell products. A prospective buyer should exercise its own independent judgment to confirm the suitability of the products for particular applications. Emerson Network Power reserves the right to make changes, without notice, to any products or information herein which will, in its sole discretion, improve reliability, function, or design. Emerson Network Power does not assume any liability arising out of the application or use of any product or circuit described herein; neither does it convey any license under its patent or other intellectual property rights or under others. This disclaimer extends to any prospective buyer, and it includes Emerson Network Power's licensee, licensee's transferees, and licensee's customers and users. Availability of some of the products and services described herein may be restricted in some locations.

**Emerson Network Power.**  
The global leader in enabling  
*Business-Critical Continuity™*.

-  AC Power
-  Embedded Power
-  Precision Cooling
-  Connectivity
-  Infrastructure Management & Monitoring
-  Racks & Integrated Cabinets
-  DC Power
-  Outside Plant
-  Services
-  **Embedded Computing**
-  Power Switching & Controls
-  Surge Protection

**Emerson Network Power**

Offices: Tempe, AZ U.S.A. 1 800 759 1107 or +1 602 438 5720  
 Paris, France +33 1 60 92 31 20 • Munich, Germany +44 1509 236490 • Tel Aviv, Israel +972 99560361  
 Hong Kong +852 2176 3540 • Shanghai, China +86 21 3395 0289 • Tokyo, Japan +81 3 5403 2730 • Seoul, Korea +82 2 3483 1500

**EmersonNetworkPower.com/EmbeddedComputing**

Emerson, Business-Critical Continuity and Emerson Network Power are trademarks of Emerson Electric Co. or one of its affiliated companies. ©2011 Emerson Electric Co.