

## Lowering the bar for custom programs

- Custom motherboards, COMs, or COM Express carriers
- Intel® Atom™ E6xx processor series
- Fast turnaround time
- Designed and built by Emerson
- 10/100 BaseTx Ethernet
- Two-year warranty
- Low volume threshold

The RapiDex™ board customization service from Emerson Network Power challenges embedded system designers to consider a different paradigm. In addition to standard motherboard and Computer-on-Module (COM) products, Emerson now enables cost-effective embedded solutions by tailoring the motherboard design to match your requirements. Emerson's unique design and manufacturing technology delivers quick turns with minimal setup fees. The volume commitment is only 100 pieces, with prototype boards delivered within eight (8) weeks of the order. Emerson's rapid customization capability can remove the need to use a less optimized standard product, leading to improved cost, space and power profiles.

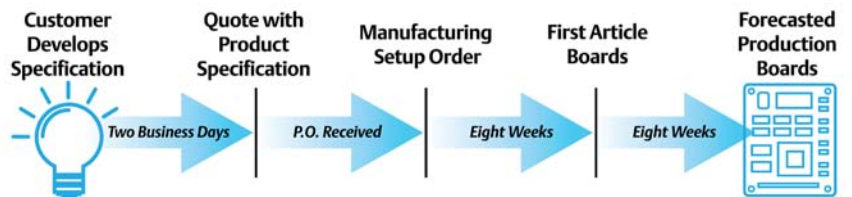
As one of the most respected vendors in the embedded board space, Emerson is a Premier partner in the Intel® Embedded Alliance and collaborates closely with Intel to enable customers to bring products to market quickly. Emerson's RapiDex service is based on select Intel embedded processors and chipsets, with custom boards available within a few weeks of silicon launch. The first supported platform is the Intel® Atom™ E6xx processor series coupled with the Intel® EG20T Platform Controller Hub. This ultra low power Intel Atom variant supports soldered down memory and a wide variety of interfaces.

The manufacturing setup fee covers a number of services including:

- Custom heat-spreader design
- Custom shield design
- Development support
- Custom BIOS splash screen
- Flat panel support adaptation for common panels
- Three-year supply commitment
- Two-year warranty

Additional services available include:

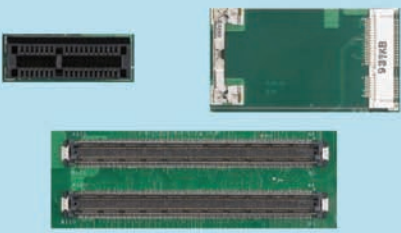
- Longevity of supply
- Extended warranty
- Major BIOS customization
- BIOS/security updates
- OS certification
- Driver development
- Custom form factor design
- Chassis and power integration

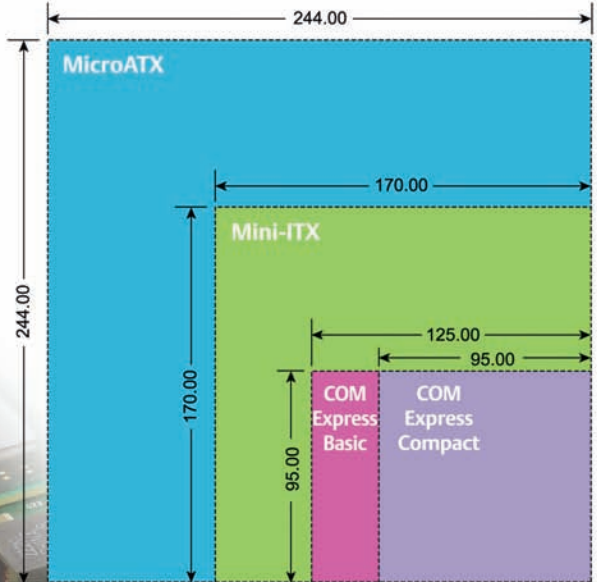


AVAILABLE OPTIONS FOR CUSTOMIZATION

**Internal Expansion Slots**

- PCI Express x1 slot
- Mini card slot
- COM Express Type 2
- COM Express Type 6






**Form Factors**

- COM Express Basic
- COM Express Compact

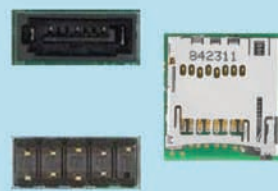
**Rear I/O Connectors**

- eSATA x1
- HDMI
- VGA
- Serial
- Mini DB-9 serial
- USB x1 vertical
- USB x2 stacked
- USB x2 + Ethernet stacked



**Internal Connectors & Headers**

- CAN bus connector
- USB client header
- TPM 1.2 header
- LVDS connector
- HD audio connector
- Micro SD connector
- RS-232 header
- SATA connector



*(Note: Not all possible customization options are shown.)*

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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- Services
- Embedded Computing
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**Emerson Network Power**

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