

Lowering the bar for custom programs

- Custom motherboards, COMs, or COM Express carriers
- 2nd generation Intel® Core™ mobile processor family
- 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 targeted delivery 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.

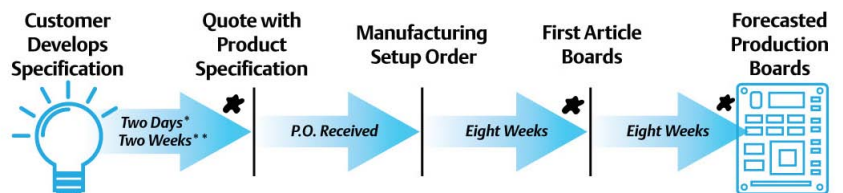
As one of the most respected vendors in the embedded board space, Emerson is a Premier partner in the Intel® Embedded Alliance and collaborates closely with Intel to enable customers to bring products to market quickly. Emerson's RapiDex service is based on select Intel embedded processors and chipsets, with custom boards available within a few weeks of silicon launch. The 2nd generation Intel® Core™ mobile processor family provides a scalable solution that is balanced between power consumption and performance. With excellent built-in graphics capable of full HD output on dual displays and a host of other functions, boards developed using this platform are capable of meeting very demanding application needs. The RapiDex service also supports 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

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



* If request for quote contains functions currently offered by the RapiDex™ service.

** If request for quote contains custom functions not currently offered by the RapiDex service.

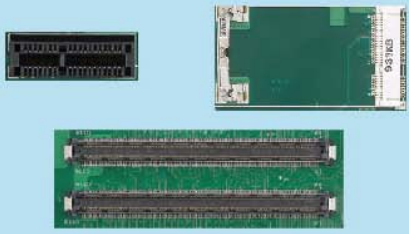
★ Targeted Time Frame

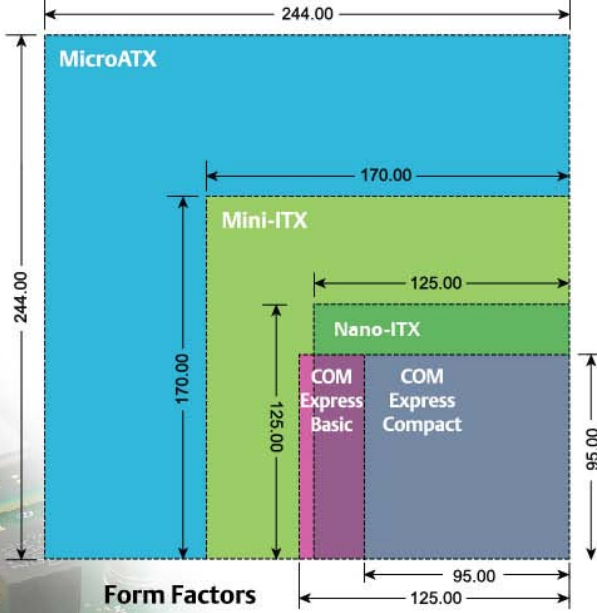


AVAILABLE OPTIONS FOR CUSTOMIZATION

Internal Expansion Slots

- PCI Express x1 slot
- PCI Express x4 slot
- Half PCI Express Mini card
- Mini card slot
- COM Express Type 2
- COM Express Type 6






Form Factors

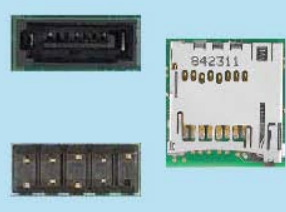
Rear I/O Connectors


- 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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