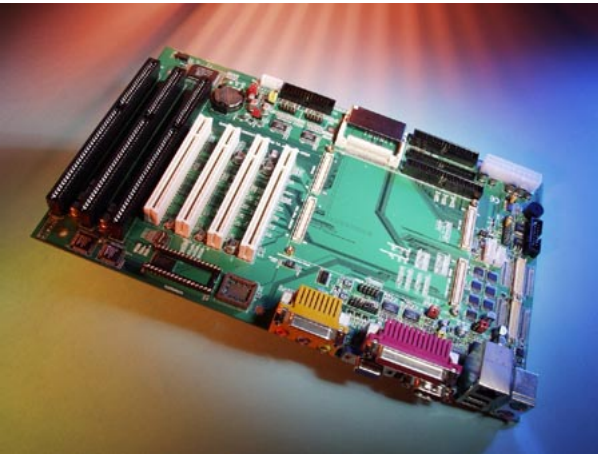


### SoM-DB4400



Standard ATX form factor (7.5" x 12.0")

10/100 BaseT Ethernet with on-board Magnetics and RJ45

1 serial RS232 port and 1 RS232/485 port

Keyboard/Mouse connectors

2 channels of USB

4 PCI Slots

3 ISA Slots

DB15 Video connector and LCD connector

DB25 Parallel Port connector

Audio Jacks

Compact Flash socket

Floppy and IDE connectors

On-board Standard PC speaker

ATX power connector

The SoM-DB4400 is versatile SoM Carrier/Socket board ideal for evaluation and early development work. This Carrier is designed to work with all ETX type SOMs. The SoM-DB4400 provides access to all the SoM's I/O through on-board connectors.

Although a good deal of customers will want a Carrier that is unique and is designed specifically for their application, the SoM-DB4400 when coupled with a ETX SoM makes for a nice ATX compatible embedded PC.

Custom Carrier designer does not have to worry about the processor, memory, and standard I/O functions and can concentrate on the I/O and dimensional aspects required for the application.

In situations where a custom Carrier is required but the customer does not have the capability to design such a board in-house, EMAC's Custom to Order Services (COS) can be utilized. Using COS, the customer can select from a library of standard I/O blocks. These blocks can be put together quickly into a form-factor of the customer's choosing, providing prototypes in as little as 30 days.

|                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------|
| Specifications                                                                                                                     |
| SOM Type:                                                                                                                          |
| ETX Carrier Boards                                                                                                                 |
| Processor                                                                                                                          |
| Real Time Clock:                                                                                                                   |
| Primary I/O                                                                                                                        |
| Ethernet:                                                                                                                          |
| 10/100 BaseT Ethernet with on-board Magnetics and RJ45                                                                             |
| Serial Ports:                                                                                                                      |
| 2x Serial Ports (1x RS232/485                                                                                                      |
| 1x RS232)                                                                                                                          |
| Watchdog:                                                                                                                          |
| Secondary I/O                                                                                                                      |
| LEDs:                                                                                                                              |
| Keypad:                                                                                                                            |
| PS/2:                                                                                                                              |
| Analog on                                                                                                                          |
| A/D:                                                                                                                               |
| D/A:                                                                                                                               |
| Dimensions                                                                                                                         |
| Dimensions:                                                                                                                        |
| 7.5 × 12 in                                                                                                                        |
| Form Factor:                                                                                                                       |
| ATX                                                                                                                                |
| Power Requirements                                                                                                                 |
| Power MISC.:                                                                                                                       |
| Voltage Requirements: Typical 3.3 & 5 Volts (12 Volts may be required depending on the SOM being used)                             |
| Current Requirements: The SOM-DB4400 requires very little current. (Current requirements are basically that of the SOM being used) |
| Environmental                                                                                                                      |
| Low Operating Temperature:                                                                                                         |
| 0 C                                                                                                                                |
| High Operating Temperature:                                                                                                        |
| 70 C                                                                                                                               |
| Upper Operating Humidity:                                                                                                          |
| 90%                                                                                                                                |
| Pricing                                                                                                                            |
| SOM-DB4400-0                                                                                                                       |
| ETX development carrier board                                                                                                      |
| \$0.00                                                                                                                             |
| Base Product:                                                                                                                      |
| SoM-DB4400                                                                                                                         |
| Non-Stock NCNR:                                                                                                                    |
| 0                                                                                                                                  |

