



Spec Sheet Base Board BB-4A

The EDP Baseboard (or "motherboard") consists of four 'stations' with the minimum configuration of the motherboard with a single plug-in processor module. All 4 stations are identical, and there are many permutations of CPU modules and Application modules possible. Even with just the minimum configuration of Motherboard and CPU module for example, you can easily run a web-server through the standard onboard Ethernet connection. There are various application modules; we have introduced an initial starter range consisting of basic digital and analogue I/O, a motor control module and a communications module.

Key Features

- 4 slots for CPU Modules or Application Modules
- Power Input Terminal block for 12V/GND power input from bench power supply
- Input power jack for use with a wall cube
- Fuse holder
- Common mode input supply choke
- Switching 5V and switching 3.3V voltage regulator
- Reset switch
- 8 way DIP switch input
- Serial I2C EEPROM 24LC32
- Pull Up resistors for I2C_CNTRL lines
- Pull Up Resistor for GEN0_I2C and GEN1_I2C
- Ethernet socket with built in magnetics
- miniUSB debug connector for debugging only
- Screw holes for PCB mounting (rubber feet also fitted)
- Eurocard connector for backplane systems (connector not fitted)
- Battery backup option VBAT capability

**EMBEDDED
DEVELOPMENT
PLATFORM**

rswww.com/edp

