

Tidal Engineering's Single Board Computers with Embedded GPIB
The Rapid Instrument Development Tools

Compare the SBC488, SBC488A and SBC488E

	SBC488	SBC488A	*SBC488E(Ethernet)
IEEE-488 Interface	Yes	Yes	Yes
SCPI Available	Yes	Yes	Yes
RS-232	Yes	Yes	Yes
RS-485	Yes	Yes	Yes
Ethernet Interface	No	No	10 BaseT
Web Server	No	No	Yes
Processor	Z180 Z-World Smart Core	Z180 Z-World Smart Core	Rabbit 2000 Z-World Smart Core
Processor Speed	9.2 or 18.4 MHz	9.2 or 18.4 MHz	25 MHz
Program Memory	128K EPROM	128K EPROM	128K Flash
SRAM Memory	32K and 128K SRAM	32K and 128K SRAM	128K SRAM
Dynamic C built-in	Yes	Yes	Yes
Dimensions	9.0" X 5.0"	6.5" X 4.0"	6.5" X 4.0"
Power Supply	115 VAC	7-24 VDC	7-24 VDC
Real-Time Clock w/Battery Backup	Yes	Yes	Yes
Analog to Digital Conv	12 bits, Unipolar 8 channels 2.5 or 5 volt Full scale	Plug-in ADAIO 12/14/16 bit bipolar/unipolar	Plug-in ADAIO 12/14/16 bit bipolar/unipolar
Digital Analog Conv	12 bits, Unipolar Up to 6 channels 2.5 or 5 volt Full scale	Plug-in ADAIO 12/14/16 bit bipolar/unipolar	Plug-in ADAIO 12/14/16 bit bipolar/unipolar
Digital I/O	32 bit Bi-directional	32 bit Bi-directional	32 bit Bi-directional
Digital I/O expansion		64 bit TTL output	64 bit TTL output
Base Price (qty 1)	\$415	\$415	\$475

*SBC488E will be available in Q2, 2001