

Compact Ethernet Modules SBC65EC and SBC68EC

	CPU	Flash (KB)	SRAM (bytes)	CPU internal EEPROM (bytes)	Operating Frequency (MHz)	Digital Inputs / Outputs	10bit Analog Inputs	I2C / SPI	RS232	RS232 ±15kV ESD protection	Ethernet	CAN	ICSP (In Circuit Serial Programming)	External EEPROM	Ramtron SPI FRAM	Size (mm)	Network Bootloader	Operating voltage range (V)	UDP (Mbit/sec) with preinstalled TCP/IP Stack	
SBC65EC	PIC18F6627	96	3936	1024	40	32	12	I2C SPI	yes	yes	10Mbps 10BaseT	no	yes	64kB	yes	58x54	yes	7-35	1.2	<ul style="list-style-type: none"> - Includes MAC, IP, ARP, ICMP, TCP, UDP, HTTP, FTP, DHCP, IP Gleaning, MPFS - Socket support for TCP and UDP - RTOS independent - Full TCP state machine
SBC68EC	PIC18F6680	64	3840	1024	40	32	12	I2C SPI	yes	yes	10Mbps 10BaseT	yes	yes	64kb	yes	58x54	yes	7-35	1.2	<ul style="list-style-type: none"> - Includes MAC, IP, ARP, ICMP, TCP, UDP, HTTP, FTP, DHCP, IP Gleaning, MPFS - Socket support for TCP and UDP - RTOS independent - Full TCP state machine