

Feature Chart

The table below provides a comparison of features available on our single board computers.

	Dual-E	Ether6	LogicFlex -EPX	LogicFlex	µFlashTCP -EP	µFlashTCP	Flashlite 386Ex	Flashlite 186
Processor	Intel 386Ex	Intel 386Ex	Intel 386Ex	Intel 386Ex	Intel 386Ex	Intel 386Ex	Intel 386Ex	RDC R8822
Clock Speed	25MHz	25MHz	25MHz	25MHz	25MHz	25MHz	25MHz	33MHz
Processor RAM	512KB	1MB	512KB	512KB	512KB	512KB	512KB	512KB
Flash Memory	512KB	512KB	512KB	512KB	512KB	512KB	512KB	512KB
File Storage Expansion Options	DiskOnChip or 512K Flash or 512K RAM	DiskOnChip	DiskOnChip or 512K Flash or 512K RAM	DiskOnChip or 512K Flash or 512K RAM	DiskOnChip or 512K Flash or 512K RAM	DiskOnChip or 512K Flash or 512K RAM	DiskOnChip or 512K Flash or 512K RAM	DiskOnChip
Ethernet	2 x 10Base-T	10Base-T	10Base-T	10Base-T	10Base-T	10Base-T	-	-
I/O	5 digital lines	-	16-SPDT 500mA Relay outputs, 16-Opto Isolated or TTL inputs	46 digital lines	See Expansion Options below	10 digital lines	34 digital lines	44 digital lines
Serial Ports	1-RS232, 1-RS232 or RS485	5-RS232, 1-RS232 or RS485	1-RS232, 1-RS232 or RS485	1-RS232, 1-RS232 or RS485	1-RS232, 1-RS232 or RS485	1-RS232, 1-RS232 or RS485	1-RS232, 1-RS232 or RS485	1-RS232, 1-RS232 or RS485
Size	4.8" x 4.1" (121.9mm x 104.1mm)	8.3" x 6.76" x 2.8" (210.8mm x 171.77mm x 57.9mm) Enclosure	1RU x 4.63" Deep (117.6mm Deep) Rack Mount Enclosure	4.2" x 3.6" (106.7mm x 91.4mm)	4.3" x 3.6" x 1.75" (109.2mm x 91.4mm x 44.5mm) Enclosure	3.75" x 2.50" (95.0mm x 63.5mm)	4.2" x 3.6" (106.7mm x 91.4mm)	4.2" x 3.6" (106.7mm x 91.4mm)
Input Voltage	5VDC	7 to 34 VDC	7 to 34 VDC	5VDC	7 to 34 VDC	5VDC	7 to 34 VDC	7 to 34 VDC
Power Consumption	2 Watts	3 Watts	3 Watts	2 Watts	2 Watts	2 Watts	1.8 Watts	1.8 Watts
Pre-installed Software	DOS & USNET TCP/IP stack	DOS, TCP/IP & Web Server	DOS, TCP/IP & Web Server	DOS, TCP/IP & Web Server	DOS, TCP/IP & Web Server	DOS, TCP/IP & Web Server	JK DOS 3.3	JK DOS 3.3
Battery Backed Clock/Calendar	YES	YES	YES	YES	See Expansion Options below	See Expansion Options below	YES	-
Watchdog	YES	YES	YES	YES	YES	YES	YES	YES
Expansion Options	Multi I/O Peripheral Boards	Cermetek 33Kbaud OnBoard Modem, 10Base-2, Expansion Bus	8 Channel A/D	Peripheral Boards	10 Digital I/O Interface, Battery Backed Clock/Calendar	Battery Backed Clock/Calendar	Peripheral Boards	Peripheral Boards

JKmicrosystems, Inc.

1403 5th St. Suite D, Davis, CA 95616
<http://www.jkmicro.com>

Phone (530)297-6073
 Fax (530)297-6074

Compatibility Chart

JK microsystems peripheral boards and accessories easily provide capabilities not readily available on our single board computers.

These integrated products give users the flexibility of adding features based on application needs. Multiple peripheral boards can be used simultaneously using our multiple board bus cables.

Please contact us at (530) 297-6073 and we will be happy to review your requirements and recommend the best product combination to fulfill your needs. The chart below highlights the compatibility between our single board computers and peripherals.

Accessories & Peripherals	Single Board Computers							
	Dual-E	LogicFlex	µFlashPLUS	µFlashTCP	FlashTCP	Flashlite 386Ex	Flashlite 186	Flashlite-V25
µI/O	✓	✓	✓	✓	✓	✓		
Multi-I/O	✓	✓	✓	✓	✓	✓		
Serial/Parallel		✓				✓		
Ethernet upgrade						✓		
8 Channel A/D		✓			✓	✓	✓	✓
8 Channel A/D Enhanced		✓			✓	✓	✓	✓
8 Channel A/D w/Clock							✓	✓
8 Channel A/D Enhanced w/Clock							✓	✓
8 Channel Relay/Opto Input		✓			✓	✓	✓	✓
LCD		✓			✓	✓	✓	✓
Keypad		✓			✓	✓	✓	✓
DiskOnChip	✓	✓	✓	✓	✓	✓	✓	
512K Flash or RAM	✓	✓	✓	✓	✓	✓		
Driver 16	✓	✓	✓	✓	✓	✓	✓	✓

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