



**CPUs**

PACSystems RX7i CPUs feature Intel Celeron and Pentium III processors and offer fast execution, larger memory capacity and upgradability to track future technology growth. RX7i CPUs are available with various memory sizes, performance capabilities and advanced functionalities, such as software configuration of data and program memory. PACSystems CPUs also provide 10K of user RAM along with 10K of non-volatile user flash memory for added protection of your data and programs.

	IC698CPE030	IC698CPE040 <sup>†</sup>	IC698CRE030	IC698CRE040 <sup>†</sup>
<b>Product Name</b>	<b>Pentium M Central Processing Unit, 600 MHz</b>	<b>Pentium M Central Processing Unit, 1.8 GHz</b>	<b>Pentium M Redundancy Central Processing Unit, 600 MHz</b>	<b>Pentium M Redundancy Central Processing Unit, 1.8 GHz</b>
<b>Lifecycle Status</b>	Active	Active	Active	Active
<b>PACSystems Processor Speed</b>	600 MHz	1.8 GHz	600 MHz	1.8 GHz
<b>PACSystems CPU Memory</b>	64 Mbytes	64 Mbytes	64 Mbytes	64 Mbytes
<b>PACSystems User Flash Memory</b>	64 Mbytes	64 Mbytes	64 Mbytes	64 Mbytes
<b>Floating Point Math</b>	Yes	Yes	Yes	Yes
<b>PACSystems I/O Discrete Points Available</b>	32 Kbits	32 Kbits	32 Kbits	32 Kbits
<b>Other Memory Allocations</b>	%W: Configurable up to the maximum available user RAM Symbolic: Configurable up to the maximum available user RAM	%W: Configurable up to the maximum available user RAM Symbolic: Configurable up to the maximum available user RAM	%W: Configurable up to the maximum available user RAM Symbolic: Configurable up to the maximum available user RAM	%W: Configurable up to the maximum available user RAM Symbolic: Configurable up to the maximum available user RAM
<b>Embedded Communications</b>	Serial, Ethernet	Serial, Ethernet	Serial, Ethernet	Serial, Ethernet
<b>Protocols Supported</b>	Modbus RTU Slave, SNP, Serial I/O	Modbus RTU Slave, SNP, Serial I/O	Modbus RTU Slave, SNP, Serial I/O	Modbus RTU Slave, SNP, Serial I/O
<b>Built-in Ports</b>	2 Serial (RS-232, RS-485) 1 Ethernet (Auto 10/100, RJ45)	2 Serial (RS-232, RS-485) 1 Ethernet (Auto 10/100, RJ45)	2 Serial (RS-232, RS-485) 1 Ethernet (Auto 10/100, RJ45)	2 Serial (RS-232, RS-485) 1 Ethernet (Auto 10/100, RJ45)
<b>Current Required from 5V Bus</b>	3.2 A	6.8 A	3.2 A	6.8 A
<b>Web Based Data Monitoring</b>	up to 16 web server and FTP connections (combined)	up to 16 web server and FTP connections (combined)	up to 16 web server and FTP connections (combined)	up to 16 web server and FTP connections (combined)

<sup>†</sup>Requires fan kit.