



**CPUs**

For entry-level applications with low I/O counts, the CPU is embedded into the backplane, making all slots available for I/O. These modules are compatible with advanced modules such as Ethernet, various bus modules, and control. Mid-range CPU models are modular and come in various memory sizes, performance capability and increased functionality such as overrides, battery-backed clock and Programmable Coprocessor module support. The high-performance CPUs are based on the latest 386EX processor for fast computation and high throughput. They can handle up to 4,096 I/O and start at 32K of memory and are programmable in a number of standard languages.

	IC693CPU311	IC693CPU313	IC693CPU323	IC693CPU350	IC693CPU360
<b>Product Name</b>	5-slot Baseplate (Model 311)	5-slot Baseplate (Model 313)	10-slot Baseplate (Model 323)	CPU (Model 350)	CPU (Model 360)
<b>Lifecycle Status</b>	Active	Active	Active	Active	Active
<b>Module Type</b>	I/O Base with built-in CPU	I/O Base with built-in CPU	I/O Base with built-in CPU	CPU Module	CPU Module
<b>Boolean Execution Speed (ms/K)</b>	18	0.6	0.6	0.22	0.22
<b>User Logic Memory (K bytes)</b>	6	12	12	74	240
<b>Real Time Clock</b>	No	No	No	Yes	Yes
<b>I/O Discrete Points</b>	160	160	320	4096	4096
<b>I/O Analog Points</b>	64 In / 32 Out	64 In / 32 Out	64 In / 32 Out	2048 In / 512 Out	2048 In / 512 Out
<b>Type of Memory Storage</b>	RAM, EPROM, EEPROM	RAM, EPROM, EEPROM	RAM, EPROM, EEPROM	RAM, Flash	RAM, Flash
<b>Processor Speed (MHz)</b>	N/A	N/A	N/A	N/A	N/A
<b>Built-in Communication Ports</b>	One RS-485 port on power supply. Supports SNP	One RS-485 port on power supply. Supports SNP	One RS-485 port on power supply. Supports SNP	One RS-485 port on power supply. Supports SNP	One RS-485 port on power supply. Supports SNP
<b>Total Number of Racks</b>	1 (CPU built in)	1 (CPU built in)	1 (CPU built in)	8	8
<b>Communications Option Modules</b>	Serial-SNP and RTU, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP	Serial-SNP and RTU, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP	Serial-SNP and RTU, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP
<b>Field Busses/Device Networks</b>	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN
<b>Software Programming Support</b>	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer - Machine Edition	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer -Machine Edition	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer -Machine Edition	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer -Machine Edition	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer -Machine Edition
<b>Internal Power Used</b>	410 mA @ 5 VDC	430 mA @ 5 VDC	430 mA @ 5 VDC	670 mA @ 5 VDC	670 mA @ 5 VDC



## CPU's

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	IC693CPU363	IC693CPU366	IC693CPU367
<b>Product Name</b>	<b>CPU (Model 363)</b>	<b>CPU (Model 366 with built-in Profibus Master)</b>	<b>CPU (Model 367 with built-in Profibus Slave)</b>
<b>Lifecycle Status</b>	Active	Active	Mature
<b>Module Type</b>	CPU Module	CPU Module	CPU Module
<b>Boolean Execution Speed (ms/K)</b>	0.22	0.22	0.22
<b>User Logic Memory (K bytes)</b>	240	240	240
<b>Real Time Clock</b>	Yes	Yes	Yes
<b>I/O Discrete Points</b>	4096	4096	4096
<b>I/O Analog Points</b>	2048 In / 512 Out	2048 In / 512 Out	2048 In / 512 Out
<b>Type of Memory Storage</b>	RAM, Flash	RAM, Flash	RAM, Flash
<b>Processor Speed (MHz)</b>	N/A	N/A	N/A
<b>Built-in Communication Ports</b>	Three total. One RS-485 port on power supply, one RS-232 and one RS-485 port on CPU. Supports SNP, RTU Master and Slave, Serial Read and Write	One Profibus DP Slave port and RS-485 port on power supply. Supports SNP.	One Profibus DP Master, Class 1 V0 port and RS-485 port on power supply. Supports SNP.
<b>Total Number of Racks</b>	8	8	8
<b>Communications Option Modules</b>	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP
<b>Field Busses/Device Networks</b>	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN
<b>Software Programming Support</b>	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer - Machine Edition	Proficy Logic Developer - Machine Edition	Proficy Logic Developer -Machine Edition
<b>Internal Power Used</b>	890 mA @ 5 VDC	940 mA @ 5 VDC	940 mA @ 5 VDC



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	IC693CPU370	IC693CPU372	IC693CPU374 PLUS
<b>Product Name</b>	<b>CPU (Model 370). Requires High Capacity Power Supply</b>	<b>CPU (Model 372 with built-in 10/100 Mbps Ethernet and WEB Enabled). Requires High Capacity Power Supply</b>	<b>CPU (Model 374 PLUS with built-in 10/100 Mbps Ethernet and Web Enabled). Requires High Capacity Power Supply</b>
<b>Lifecycle Status</b>	Active	Active	Active
<b>Module Type</b>	CPU Module	CPU Module	CPU Module
<b>Boolean Execution Speed (ms/K)</b>	0.15	0.15	0.15
<b>User Logic Memory (K bytes)</b>	240	120	240
<b>Real Time Clock</b>	Yes	Yes	Yes
<b>I/O Discrete Points</b>	4096	4096	4096
<b>I/O Analog Points</b>	2048 In / 512 Out	2048 In / 512 Out	2048 In / 512 Out
<b>Type of Memory Storage</b>	RAM, Flash	RAM, Flash	RAM, Flash
<b>Processor Speed (MHz)</b>	133Mhz	133Mhz	133Mhz
<b>Built-in Communication Ports</b>	One RS-485 port on power supply. Supports SNP	One RS-485 port on power supply. Supports SNP and two Ethernet ports; (one IP address) on CPU, 10/100 Mbps built-in switch, SRTP - channels (Producer and Consumer); EGD, Modbus TCP Client/Server and Web Diagnostics Support	One RS-485 port on power supply. Supports SNP and two Ethernet ports; (one IP address) on CPU, 10/100 Mbps built-in switch, SRTP - channels (Producer and Consumer); EGD, Modbus TCP Client/Server and Web Diagnostics Support
<b>Total Number of Racks</b>	8	8	8
<b>Communications Option Modules</b>	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP Client/Server	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP Client/Server	Serial-SNP, SNPX, RTU and CCM, LAN-Genius, Ethernet SRTP and Ethernet Modbus TCP Client/Server
<b>Field Busses/Device Networks</b>	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN
<b>Software Programming Support</b>	Proficy Logic Developer - Machine Edition	Proficy Logic Developer - Machine Edition	Proficy Logic Developer -Machine Edition
<b>Internal Power Used</b>	1.4 Amps @ 5 VDC	1.4 Amps @ 5 VDC	1.4 Amps @ 5 VDC