

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.

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

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	IC693CPU363	IC693CPU366	IC693CPU367
Product Name	CPU (Model 363)	CPU (Model 366 with built-in Profibus Master)	CPU (Model 367 with built-in Profibus Slave)
Lifecycle Status	Active	Active	Mature
Module Type	CPU Module	CPU Module	CPU Module
Boolean Execution Speed (ms/K)	0.22	0.22	0.22
User Logic Memory (K bytes)	240	240	240
Real Time Clock	Yes	Yes	Yes
I/O Discrete Points	4096	4096	4096
I/O Analog Points	2048 In / 512 Out	2048 In / 512 Out	2048 In / 512 Out
Type of Memory Storage	RAM, Flash	RAM, Flash	RAM, Flash
Processor Speed (MHz)	N/A	N/A	N/A
Built-in Communication Ports	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.
Total Number of Racks	8	8	8
Communications Option Modules	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
Field Busses/Device Networks	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN	Ethernet, Genius, Profibus-DP, DeviceNet, Interbus-S, CsCAN
Software Programming Support	Logicmaster (DOS), VersaPro (Windows), Proficy Logic Developer - Machine Edition	Proficy Logic Developer - Machine Edition	Proficy Logic Developer -Machine Edition
Internal Power Used	890 mA @ 5 VDC	940 mA @ 5 VDC	940 mA @ 5 VDC



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