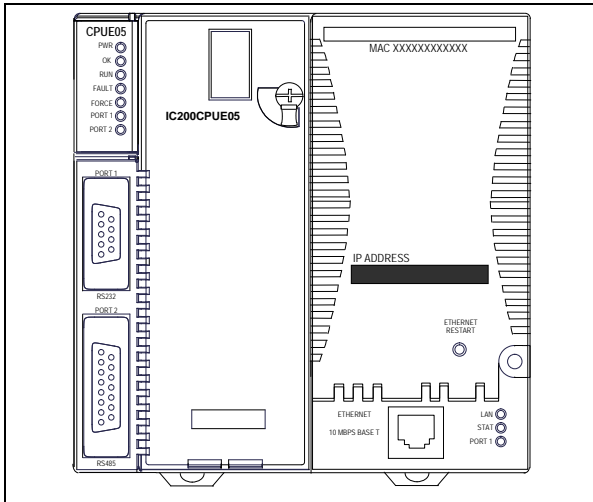


GFK-1892T
January 2016

CPU with Embedded Ethernet Interface



IC200CPUE05 shares the basic features of the other VersaMax* PLC CPUs. It provides powerful PLC functionality in a small, versatile system. CPUE05 can serve as the system controller for up to 64 modules with up to 2048 I/O points. Two serial ports provide RS-232 and RS-485 interfaces for serial communications. CPUE05 also provides a built-in Ethernet Interface. The RS-232 serial port can be configured for Local Station manager operation to provide access to diagnostic information about the Ethernet interface. CPUE05 has 128KB of configurable memory.

In addition, CPUE05 is compatible with the EZ Program Store device, which can be used to write, read, update, and verify programs, configuration, and reference table data without a programmer or programming software.

Features

- Supports up to 64 modules with up to 2048 I/O points
- Can be either auto-configured or configured from a programmer using configuration software
- 128KB of configurable memory for the application program, hardware configuration, registers (%R), analog inputs (%AI), and analog outputs (%AQ)
- Programming in Ladder Diagram and Instruction List
- Non-volatile flash memory for program storage
- Battery backup for program, data, and time of day clock
- Super capacitor provides power to memory for 1 hour
 - Over 1 hour, backup battery protects memory contents up to 6 months.
 - Backup battery has shelf life of 5 years when not in use.
- Run/Stop switch
- Floating point (real) data functions
- Embedded RS-232, RS-485, and Ethernet communications
- 70mm height when mounted on DIN rail with power supply (sold separately)

Product Information

Revision	IC200CPUE05-JP														
Power Supply	Requires PWRx02														
Firmware	Version 3.10														
Programmer Compatibility	VersaPro software version 2.0 or later and Machine Edition Logic Developer.														
Expansion I/O Compatibility	All types of I/O and communications modules can be used in expansion racks. Some analog modules require specific module revisions in expansion racks, as listed below: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Module</th> <th>Module Revision</th> </tr> </thead> <tbody> <tr> <td>ALG320</td> <td>B or later</td> </tr> <tr> <td>ALG321</td> <td>B or later</td> </tr> <tr> <td>ALG322</td> <td>B or later</td> </tr> <tr> <td>ALG430</td> <td>C or later</td> </tr> <tr> <td>ALG431</td> <td>C or later</td> </tr> <tr> <td>ALG432</td> <td>B or later</td> </tr> </tbody> </table>	Module	Module Revision	ALG320	B or later	ALG321	B or later	ALG322	B or later	ALG430	C or later	ALG431	C or later	ALG432	B or later
Module	Module Revision														
ALG320	B or later														
ALG321	B or later														
ALG322	B or later														
ALG430	C or later														
ALG431	C or later														
ALG432	B or later														

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Specifications: IC200CPUE05

Size	Width: 4.95" (126mm) - along DIN rail Length: 5.04" (128mm) Depth: 2.72" (69.1mm)	
Program storage	System flash, battery-backed RAM	
Power Supply current consumption with no serial port converter or EZ Program Store device	5Vdc uses 220mA	3.3Vdc uses: 570mA
Power Supply current consumption with serial port converter or EZ Program Store device	5Vdc uses: 320mA	
Floating point	Yes	
Boolean execution speed	0.8 ms/K (typical)	
Real time clock accuracy (for timer functions)	100ppm (0.01%) or ± 9 sec/day	
Time of day clock accuracy	23ppm (0.0023%) or ± 2 sec/day @ 30°C. 100ppm (0.01%) or ± 9 sec/day @ full temperature range	
Embedded communications	RS-232, RS-485, Ethernet	
Configurable memory	128K bytes maximum	
Ethernet Interface Specifications		
Ethernet data rate	10Mbps (half- or full-duplex)	
Ethernet port	RJ-45, UTP	
Number of SRTP server connections	8	
Number of Ethernet Global Data (EGD) configuration-based exchanges	32	
EGD Exchange limits	100 data ranges per exchange 1400 bytes of data per exchange	
EGD Time Synchronization	Not Supported	
EGD Selective Consumption	Yes	
Load EGD configuration from PLC to programmer	Yes	
Remote Station Manager over UDP	Yes	
Local Station Manager (RS-232)	Via CPU Port 1	