GE Series 90-30 Series Service Manual

IC693CPU370

1. Description

The GE Fanuc IC693CPU370 Central Processing Unit has 240 KB of register memory and an AMD SC520 processor with a speed of 133 Megahertz. The GE Fanuc CPU is part of Series 90-30 and it supports floating point math along with a battery-backed clock. The unit is made for 32-bit systems and it has 2048 analog points for input/output.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-30**
Part	**Number IC693CPU370**
Compatible	**component Programmable logic controller**
Number	**of I/O points 2048**
Register	**memory 240 kilobytes**
Processor	**speed 133 Megahertz**
Floating	**point math Yes**
Battery-backed	**clock Yes**
Processor	**model 80386EX**
Processor	**type AMD SC520**
Memory	**storage type RAM and Flash**
System	**version 32-bit**
The	**IC693CPU370 CPU is a CPU component manufactured by GE Fanuc. This GE Series 90-30 CPU is an integral part of a complete programmable logic controller or PLC system that performs at a high level as part of a complex industrial system. Even though this CPU is a basic CPU model, it still provides a wide range of features like current override, compatibility with bus modules, Ethernet communication, a battery-backed clock, and multi-lingual support. The IC693CPU370 CPU supports up to 2048 analog I/O points and it has a processor that operates at a speed of 133 Megahertz. The processor of the 370 GE CPU model is labelled as an 80386EX processo**

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Technical specifications for IC693CPU370

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Series Series 90-30

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Processor speed 133 Megahertz

Floating point math Yes

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Processor type AMD SC520

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The IC693CPU370 CPU comes without any serial ports but It has an RS-485 port on the power supply. In addition to that, the unit consumes power of 7.4 Watts of power at 5 Volts DC and it allows for more than a month of operation on backup battery if the power is lost. The IC693CPU370 CPU supports either RAM or Flash memory for storage and it is made for 32-bit systems. The unit supports system registers of up to 28 words and up to 2000 timers and counters. The unit also reserves 256 bits for temporary coils and 3096 bits for internal coils. This CPU module with a single slot does not support handheld programmers and it must be connected to an Ethernet module if the EZ program store device needs to be used. The firmware of the CPU is located in flash memory and it provide up to 4096 points for input/output and various memory sizes.