

INDUSTRIAL AUTOMATION PRODUCT

IC693CPU372

Ethernet PLC CPU

Combines Series 90-30 CPU control with embedded Ethernet

IDENTITY	VERIFIED VALUE
Manufacturer	GE
System family	GE Series 90-30 CPU372 PLUS Ethernet controller
Part number	IC693CPU372

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Technical Specifications

Technical values below are limited to the named GE product record.

PARAMETER	TECHNICAL VALUE
Catalog number	IC693CPU372
Product family	Series 90-30
Controller designation	CPU372 PLUS
Ethernet interface	Embedded Series 90-30 PLUS Ethernet interface
Ethernet feature set	Enhanced Ethernet features documented in GFK-2382A
Station Manager	Supported by the embedded Ethernet interface
Setup diagnostics	Station Manager diagnostic information
Station Manager command reference	Documented in GFK-2383A
Ethernet task tallies	Available through the TALLY command
Exception-log access	LOG and LOG Z commands

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Series 90-30 rack and approved power supply
Companion hardware	configured Ethernet network and programming project
Field connection	documented IP and communications parameters
Primary system function	Combines Series 90-30 CPU control with embedded Ethernet
Controlled acceptance duty	Series 90-30 Ethernet control

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System Role and Architecture

Combines Series 90-30 CPU control with embedded Ethernet

FUNCTION 1

Combines Series 90-30 CPU control with embedded Ethernet

FUNCTION 2

Provides Station Manager access to the Ethernet interface

FUNCTION 3

Supports diagnostic tallies and exception-log review

FUNCTION 4

Supports Modbus/TCP server operation for PLUS CPUs

Matched system components

- Series 90-30 rack and approved power supply
- configured Ethernet network and programming project
- documented IP and communications parameters
- connected PLC I/O and machine-control circuits

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Series 90-30 rack and approved power supply
Companion hardware	configured Ethernet network and programming project
Field connection	documented IP and communications parameters
Primary system function	Combines Series 90-30 CPU control with embedded Ethernet
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Applications and Engineering Context

Series 90-30 Ethernet control

Combines Series 90-30 CPU control with embedded Ethernet

PLC programming and monitoring

Provides Station Manager access to the Ethernet interface

Station Manager diagnostics

Supports diagnostic tallies and exception-log review

Modbus/TCP server integration

Supports Modbus/TCP server operation for PLUS CPUs

TECHNICAL NOTE

Use GFK-2382A for general CPU372 PLUS Ethernet communications and GFK-2383A for Station Manager commands. Record the installed CPU identity, project revision, IP parameters and network relationships before replacement.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC693CPU372 / IC693CPU372 recorded
Physical interface	Series 90-30 rack and approved power supply
Companion check	configured Ethernet network and programming project
Functional proof	Combines Series 90-30 CPU control with embedded Ethernet
Application test	Series 90-30 Ethernet control

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Engineering Precautions

- 1
- Verify the complete IC693CPU372 marking and CPU372 PLUS project identity before work.
- 2
- Place the connected machine and all Ethernet-dependent control functions in the approved maintenance state.
- 3
- Isolate rack power and control field energy before removing the CPU from the Series 90-30 baseplate.
- 4
- Back up the PLC project and record IP parameters, Ethernet relationships, firmware and Station Manager diagnostics.
- 5
- Use ESD controls and protect the backplane and communication interfaces during handling.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
GE IC693CPU350	Series 90-30 CPU module	View GE IC693CPU350 page
GE IC693CPU364	Series 90-30 CPU with Ethernet	View GE IC693CPU364 page
GE IC693CPU311	Series 90-30 CPU module	View GE IC693CPU311 page
GE IC693CHS397	Series 90-30 five-slot baseplate	View GE IC693CHS397 page

MANUFACTURER SOURCE RECORD

Emerson Series 90-30 CPU372 PLUS official manuals
GFK-2382A and GFK-2383A

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