

Installation Identity and Scope

GE IC697CPU772 is a single-slot 12 MHz Series 90-70 CPU with floating-point capability. Its battery-backed CMOS memory is expanded with the documented 64K through 512K daughter boards.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	IC697CPU772
Manufacturer	GE
Hardware type	Series 90-70 Expandable Floating-Point CPU
System family	Series 90-70
Official source	GFK-0588E, IC697CPU772 features and specifications

CONTROLLED ENGINEERING COPY

Use only the complete GE IC697CPU772 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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IC697CPU772

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete GE IC697CPU772 marking and installed revision.
2	Confirm the documented Series 90-70 rack position and compatible companion hardware.
3	Back up the approved controller, network or channel configuration before removal.
4	De-energize the system and follow the current manufacturer service procedure before handling hardware.
5	Label every field, communication, common, shield and protective-ground connection.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	IC697CPU772
Physical interface	Exact GE IC697CPU772 nameplate and installed revision
Companion check	Documented Series 90-70 Expandable Floating-Point CPU system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 130539-45	View Bently Nevada 130539-45
Bently Nevada 130539-50	View Bently Nevada 130539-50
Bently Nevada 130539-72	View Bently Nevada 130539-72
Bently Nevada 130539-99	View Bently Nevada 130539-99
EPRO MMS6831	View EPRO MMS6831

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record GE IC697CPU772 and the installed revision exactly.
Product family	Verify the documented value: Series 90-70.
Processor clock	Verify the documented value: 12 MHz.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Series 90-70 Expandable Floating-Point CPU function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete GE IC697CPU772 identity and the current manufacturer publication. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Product family	Series 90-70
Processor clock	12 MHz
Processor	80C186 with floating-point math support
User memory	Up to 512K battery-backed CMOS with approved expansion board

Related Products on Apter Power

MODEL	APTER POWER PAGE
EPRO PR6423-002-000-CON021	View EPRO PR6423-002-000-CON021
EPRO PR6423-002-001-CN-CON041	View EPRO PR6423-002-001-CN-CON041

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete IC697CPU772 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What processor does GE IC697CPU772 use?	It uses a 12 MHz 80C186 processor with floating-point math support.
How much memory can GE IC697CPU772 support?	It supports up to 512K of battery-backed CMOS memory with the approved expansion board.
Which GE IC697CPU772 memory boards are documented?	The data sheet identifies 64K, 128K, 256K and 512K options.
How much discrete I/O can GE IC697CPU772 support?	It supports up to 2K inputs and outputs in any mix.

Related Products on Apter Power

MODEL	APTER POWER PAGE
EPRO PR6423-003-030-CON021	View EPRO PR6423-003-030-CON021
EPRO PR6423-004-120-CN-CON021	View EPRO PR6423-004-120-CN-CON021
EPRO PR6423-010-100-CN-CON021	View EPRO PR6423-010-100-CN-CON021
EPRO PR6423-015-040	View EPRO PR6423-015-040
EPRO PR6423-018-040-CON021	View EPRO PR6423-018-040-CON021

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
Does GE IC697CPU772 use hardware configuration switches?	No. It is software configured and has no DIP switches or configuration jumpers.
What must be recorded before replacing GE IC697CPU772?	Record the complete GE IC697CPU772 marking, installed revision, system position, connections and approved configuration before removal.
What confirms successful commissioning of GE IC697CPU772?	The exact GE IC697CPU772 identity, restored configuration, normal diagnostics and a controlled model-specific functional test must all agree with the approved record.

MANUFACTURER SOURCE RECORDS

GE Fanuc Expandable Floating Point CPU Data Sheet - GFK-0588E, IC697CPU772 features and specifications
GE Fanuc Expandable Floating Point CPU Data Sheet - GFK-0588E, IC697CPU772 features and specifications

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	IC697CPU772 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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