APTER■POWER

INDUSTRIAL AUTOMATION PRODUCT

IC697CPX772

Series 90-70 96 MHz CPU with 512 KB memory

PLC program execution, discrete/analog I/O and serial communications

IDENTITY	VERIFIED VALUE
Manufacturer	General Electric
System family	GE Fanuc Series 90-70 PLC
Part number	IC697CPX772
Country	USA
HS code	8537101190

PRODUCT TECHNICAL REFERENCE

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

2 Technical Specifications

Technical values below are limited to the named General Electric product record.

PARAMETER	TECHNICAL VALUE
Processor	80486DX4 at 96 MHz
User memory	512 KB battery-backed RAM
Flash memory	256 KB nonvolatile
Boolean execution	0.4 us per Boolean function
Discrete I/O	Up to 2,048 points
Analog I/O	Up to 8,000 words
Serial ports	3
Rack occupancy	1 slot

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	IC697 PLC rack
Companion hardware	IC697 and Genius I/O
Field connection	CPU battery
Primary system function	Uses a ninety-six-megahertz 80486DX4 processor
Controlled acceptance duty	Large machine sequence control

3 System Role and Architecture

PLC program execution, discrete/analog I/O and serial communications

FUNCTION 1

Uses a ninety-six-megahertz 80486DX4 processor

FUNCTION 2

Provides 512 KB battery-backed user memory

FUNCTION 3

Supports up to 2,048 discrete I/O points

FUNCTION 4

Integrates three serial communication ports

Matched system components

- IC697 PLC rack
- IC697 and Genius I/O
- CPU battery
- Logicmaster or compatible programming software

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	IC697 PLC rack
Companion hardware	IC697 and Genius I/O
Field connection	CPU battery
Primary system function	Uses a ninety-six-megahertz 80486DX4 processor
Controlled acceptance duty	Large machine sequence control

4 Applications and Engineering Context

Large machine sequence control

Uses a ninety-six-megahertz 80486DX4 processor

Genius distributed I/O coordination

Provides 512 KB battery-backed user memory

High-capacity process logic

Supports up to 2,048 discrete I/O points

Series 90-70 CPU replacement

Integrates three serial communication ports

TECHNICAL NOTE

Back up the CPU program and configuration, record serial-port settings and battery condition, and validate I/O tables after controlled restart.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	IC697CPX772 / IC697CPX772 recorded
Physical interface	IC697 PLC rack
Companion check	IC697 and Genius I/O
Functional proof	Uses a ninety-six-megahertz 80486DX4 processor
Application test	Large machine sequence control

5 Engineering Precautions

1. Verify the complete IC697CPX772 marking and its assigned GE Fanuc Series 90-70 PLC position before work.
2. Place the connected large machine sequence control process in the approved maintenance state.
3. Isolate applicable power and plc program execution, discrete/analog i/o and serial communications field energy before disconnecting conductors.
4. Record connector, conductor, address, firmware and software identities before removal.
5. Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330162-03-45-45-45-05-05-94-01	Related industrial automation product	View Bently Nevada 330162-03-45-45-45-05-05-94-01 page
Bently Nevada 86691-00750-0435-15	Related industrial automation product	View Bently Nevada 86691-00750-0435-15 page
Bently Nevada 200350-02-00-01	Related industrial automation product	View Bently Nevada 200350-02-00-01 page
Bently Nevada 21500-00-12-10-02	Related industrial automation product	View Bently Nevada 21500-00-12-10-02 page
Bently Nevada 21500-00-32-05-02	Related industrial automation product	View Bently Nevada 21500-00-32-05-02 page
GE IC670GBI002	Related industrial automation product	View GE IC670GBI002 page
GE IC670GBI001	Related industrial automation product	View GE IC670GBI001 page
Bently Nevada 330851-04-000-040-10-01-00	Related industrial automation product	View Bently Nevada 330851-04-000-040-10-01-00 page

MANUFACTURER SOURCE RECORD

GE Fanuc Series 90-70 CPU data sheet

GFK-1429; GFK-0600

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com