

3CP340.60-2

System 2005 industrial CPU

B&R 3CP340.60-2 is a System 2005 industrial CPU. It performs the documented System 2005 system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	System 2005
Part number	3CP340.60-2
Product role	Provides the documented system 2005 industrial cpu function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

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Technical Specifications

Technical values below are limited to the named B&R product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Processor	Intel Pentium; 166 MHz	Application storage	CompactFlash
DRAM	32 MB	Expansion	1 aPCI slot
SRAM	512 kB	Interfaces	USB; RS232; 100BASE-T Ethernet

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	System 2005
Primary system role	Provides the documented system 2005 industrial cpu function
Connection boundary	Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.
Controlled acceptance duty	System 2005 system maintenance

ENGINEERING BOUNDARY

Confirm B&R 3CP340.60-2, System 2005 host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Pre-Installation Checks

1	Confirm the complete B&R 3CP340.60-2 marking and installed System 2005 position before work.	2	Place the machine or process in the approved maintenance state and isolate every applicable energy source.
3	Record power, signal, network, terminal and protective-ground connections before removal.	4	Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	3CP340.60-2
Installed host	System 2005
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

B&R 3CP340.60-2 is a System 2005 industrial CPU. It performs the documented System 2005 system role in the approved industrial installation.

FUNCTION 1
Provides the documented system 2005 industrial cpu function

FUNCTION 2
Uses exact B&R article identity 3CP340.60-2

FUNCTION 3
Integrates with the matched System 2005 hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	System 2005
2	32 MB
3	System 2005 system maintenance
4	Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	System 2005
Interface role	Provides the documented system 2005 industrial cpu function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 3CP340.60-2. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

- 1

Verify processor (Intel Pentium; 166 MHz) against the installed project and connected hardware.
- 2

Verify dram (32 MB) and restore only the approved configuration.
- 3

Energize in the prescribed sequence and review module, host and network diagnostics.
- 4

Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

B&R 3CP340.60-2 product data
B&R product record 3CP340.60-2

Applications and Engineering Context

System 2005 system maintenance
Restores the documented system 2005 industrial cpu function in an engineered installation.

Control-panel modernization
Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification
Confirms the documented processor and dram before process release.

Controlled recommissioning
Verifies configuration, diagnostics and field response after maintenance or replacement.

TECHNICAL NOTE

Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	3CP340.60-2 recorded
Host / carrier	System 2005
Physical interface	Provides the documented system 2005 industrial cpu function
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional proof	Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R 3CP340.60-2, System 2005 host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	3CP340.60-2
Approved role	System 2005 system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

1	Confirm the complete B&R 3CP340.60-2 marking and installed System 2005 position before work.	2	Place the machine or process in the approved maintenance state and isolate every applicable energy source.
3	Record power, signal, network, terminal and protective-ground connections before removal.	4	Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
5	Verify processor (Intel Pentium; 166 MHz) against the installed project and connected hardware.	6	Verify dram (32 MB) and restore only the approved configuration.
7	Energize in the prescribed sequence and review module, host and network diagnostics.	8	Complete a controlled functional test and retain the acceptance result before production release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R 80SD100XD.C0XX-21	Related industrial automation product	View B&R 80SD100XD.C0XX-21 page
B&R 7EX290.50-1	Related industrial automation product	View B&R 7EX290.50-1 page
B&R X20AI2237	Related industrial automation product	View B&R X20AI2237 page
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page
B&R 7CP476.60-1	Related industrial automation product	View B&R 7CP476.60-1 page
B&R 7CP474.60-1	Related industrial automation product	View B&R 7CP474.60-1 page
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page
B&R 8I0IF109.400-1	Related industrial automation product	View B&R 8I0IF109.400-1 page

MANUFACTURER SOURCE RECORD

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