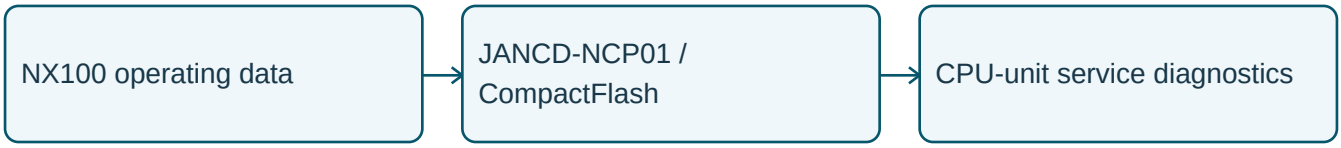
JANCD-NCP01

01 / Identity and functional architecture

CPU Board

YASKAWA JANCD-NCP01 is an NX100 main CPU board, identified by Motoman spare-part number 150205-1. Match the fitted board revision and controller configuration before replacement.



Product type	NX100 main CPU board
Manufacturer part number	JANCD-NCP01
Motoman spare-part reference	150205-1
Data storage	On-board CompactFlash for part of the operating data

Scope of this reference

NX100 controller diagnostic and configuration information is distinct from the board electrical ratings. Match the complete board marking and installed controller execution.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

JANCD-NCP01

02 / Electrical and system characteristics

Manufacturer	YASKAWA
Product series	Motoman NX100
Board designation	JANCD-NCP01
Product function	Main CPU board
Motoman spare-part reference	150205-1
Operating-data storage	CompactFlash associated with the NCP01 board
File-backup diagnostic	NX100 alarm 0800: NCP01 CF file backup
CPU diagnostic	NX100 alarm 0910: NCP01 CPU error

Engineering interpretation

Identify the main CPU board separately from the servo-control, interface and I/O boards. Match the controller and robot-specific arrangement.

The NCP01 board uses CompactFlash for part of the NX100 system operating data. Preserve the installed storage identity and controller-data backup before service.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

03 / Configuration and installation relationship

Bus diagnostic	NX100 alarm 0920: NCP01 bus error
ROM diagnostic	NX100 alarm 1000: NCP01 ROM error

Record alarms and subcodes

Save the complete CPU, bus, ROM or file-backup alarm information before replacement. Use the diagnostic procedure for the actual fault instead of replacing hardware solely from a general symptom.

Control initialization work

Initialization can affect stored configuration. Have qualified personnel follow the applicable Yaskawa procedure and preserve the required data before changing the controller setup.

Validate the restored controller

Check the restored hardware identity, configuration and affected robot functions before operational release. Resolve persistent alarms through the manufacturer service process.

Functional acceptance

Review diagnostic alarms and verify the restored configuration and affected robot functions under the approved Yaskawa service procedure.

04 / Engineering questions and decisions

What does alarm 0800 indicate for JANCD-NCP01?

It is the NX100 NCP01/CompactFlash file-backup error. Record the reported file number and use the corresponding Yaskawa diagnostic procedure.

What does alarm 0910 indicate for JANCD-NCP01?

It concerns a CPU error associated with abnormal processing on the NCP01 main CPU board. Save the controller data and follow the applicable fault-isolation procedure.

What does alarm 0920 indicate for JANCD-NCP01?

It is an NCP01 bus-error diagnostic. Record the subcode and controller state and follow the exact Yaskawa diagnostic procedure; the alarm name alone is not a complete replacement decision.

What does alarm 1000 indicate for JANCD-NCP01?

It is an NCP01 ROM error, including a main-ROM checksum fault. The board and system-software condition must be evaluated using the corresponding service instructions.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

JANCD-NCP01

05 / Technical basis and related portfolio

Technical source

Yaskawa Motoman JANCD-NCP01 spare-part entry 150205-1; NX100 controller-spares references and Knowledge Center alarm references 0800, 0910, 0920 and 1000.

Product applicability

NX100 controller diagnostic and configuration information is distinct from the board electrical ratings. Match the complete board marking and installed controller execution.

Lifecycle and service

The Motoman spare-parts entry 150205-1 marks the NX100 CPU board as OBS. Confirm current replacement and service arrangements for the complete JANCD-NCP01 execution with Yaskawa.

Related portfolio references

YASKAWA CIMR-G7A4011

YASKAWA MV1000 YPHS31122-1D 7910161-30400-S0104

YASKAWA CPCR-FR01RB-T3L

YASKAWA JEPMC-CP200

These links are navigation references, not confirmed replacements or compatible accessories.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.