JANCD-NCP01

01 / Product identity and control context

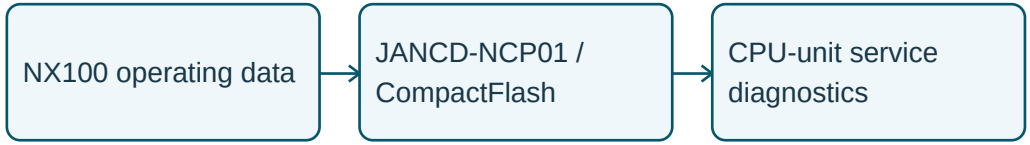
CPU Board

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.

Key characteristics

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

Functional relationship



Board identity

Compare JANCD-NCP01, the fitted revision and Motoman reference 150205-1 with the installed NX100 controller.

Configuration boundary

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 / Technical characteristics

Hardware and functional data

Manufacturer	YASKAWA
Product series	Motoman NX100
Board designation	JANCD-NCP01
Product function	Main CPU board
Motoman spare-part reference	150205-1

Interfaces and operating conditions

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

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

03 / Application and integration contexts

NX100 CPU-board replacement

Identify the installed main CPU board and complete controller configuration. Compare JANCD-NCP01 with the fitted marking and Motoman spare-part reference before replacement.

Operating-data preservation

Keep an approved backup of NX100 internal data and identify the CompactFlash associated with the NCP01 board before service or configuration changes.

CPU-unit arrangement

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

CPU and ROM fault investigation

Record NCP01 CPU and ROM alarms with their subcodes. Apply the corresponding Yaskawa diagnostic procedure rather than assigning every controller fault to the main board.

Controller restoration checks

Check restored configuration and affected controller functions after authorized service. Keep the board identity, storage arrangement and acceptance record together.

Stored configuration

Preserve NX100 internal data and identify the NCP01 CompactFlash before replacement or initialization.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

04 / Installation and release decisions

Match the controller execution

Use the complete JANCD-NCP01 marking and installed NX100 configuration. A shared controller family does not by itself prove that every board revision is interchangeable.

Preserve controller data

Back up the NX100 internal data before service. Record the CompactFlash and controller configuration so that a replacement board is not treated as a complete configured controller.

Separate board roles

Distinguish the NCP01 main CPU board from the servo-control, interface and I/O boards. Do not transfer another board's memory or electrical ratings to this part.

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.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

JANCD-NCP01

05 / Lifecycle, evidence and related portfolio

Lifecycle status

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.

Supply boundary

Apter Power availability and dispatch are confirmed separately from the manufacturer lifecycle phase.

Technical basis

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

Related product references

YASKAWA CIMR-G7A4011

YASKAWA MV1000 YPHS31122-1D 7910161-30400-S0104

YASKAWA CPCR-FR01RB-T3L

YASKAWA JEPMC-CP200

Navigation only; no substitute or accessory compatibility is implied.

Offered-unit verification

Compare the complete label, connectors, mounting arrangement and applicable hardware/software revision. Confirm included components and accompanying documents in the quotation.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.