

YOKOGAWA STARDOM FCN-500 AUTONOMOUS CONTROLLERS

Product Data Sheet

NFCP501-W15 S2

autonomous controller CPU module

FUNCTION	FAMILY	ORIGIN	WEIGHT
autonomous controller CPU module	Yokogawa STARDOM FCN-500 autonom	Japan	0.86 kg

Yokogawa Centum XL NFCP501-W15 S2 is a autonomous controller CPU module for the Yokogawa STARDOM FCN-500 autonomous controllers. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Processor	Intel Atom E3815, 1.46 GHz
Main Memory	256 MB with ECC
Static RAM	2 MB ECC, battery backed
Flash Memory	1 GB onboard
External Media	SDHC 4 to 32 GB, Class 10
Serial Port	1 x RS-232-C, D-sub 9-pin
Ethernet Ports	2 x RJ45
Ethernet Rates	10/100/1000 Mbit/s
I/O Interface	Duplex SB bus
Supply Voltage	5 V DC $\pm 5\%$

ADDITIONAL PRODUCT DATA

Maximum Current	1200 mA
CPU Style	S2
Function Set	Extended functions
Temperature Option	Extended temperature range
Contaminant Option	Basic type, no explosion protection

OFFICIAL APPLICATIONS

- Remote Well Pads and Pipeline Metering Stations: Autonomous process control
- Remote Pumping Stations and Treatment Process Units: Distributed utility control
- Renewable Plants and Auxiliary Control Stations: Remote asset control

SYSTEM COMPATIBILITY

Match NF501-W15 S2 to the installed Yokogawa STARDOM FCN-500 autonomous controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Yokogawa official manufacturer documentation](#)

AMIKON PRODUCT SUPPORT

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