

NX-ERA
NX3003



HIGH PERFORMANCE CPU FOR MICRO APPLICATIONS

CPU NX3003

This new NX-ERA family member is the intelligent choice for compact automation solutions with embedded I/O

SPECIAL FEATURES

- Integrated Power Supply
- Embedded I/Os - 14 DI/10 DO
- Encoder Interface
- Stepper Motor Interface
- Multiprotocol Support
- Ideal for Machines and Micro Applications
- Expandable upto 184 I/O points

APPLICATIONS



Water &
Wastewater



Automotive



Metal &
Mining



Chemical



Oil & Gas



Power



Food &
Beverage



Material
Handling



Textile
& Pulp



Sugar &
Ethanol

NX-ERA - NX3003

Type	Code	Communication Ports	Protocols	Bus Expansion	Embedded Power Supply	Memory Card
CPU	NX3003	1x Serial (RS-485) 1x Ethernet TCP/IP	Standard protocols*	No	Yes	No
Communication Modules	NX5000	10/100 Mbps Ethernet TCP/IP Module				
	NX5001	PROFIBUS-DP Master				
	NX5100	MODBUS TCP Head				
	NX5101	MODBUS TCP Head				
	NX5110	PROFIBUS-DP Head				
	NX5210	Redundant PROFIBUS - DP Head				
Input Modules	NX1001	24 Vdc 16 DI Module				
	NX6000	8 AI Voltage/Current Module				
	NX6010	8 AI Thermocouple Module				
	NX6020	4 AI RTD Module				
Output Modules	NX2001	24 Vdc 16 DO Transistor Module				
	NX2020	16 DO Relay Module				
	NX6100	4 AO Voltage/Current Module - 16 bits				
Mixed I/O Modules	NX1005	24 Vdc 8 DO Transistor/8 DI Mixed Module				
Racks	NX9010	8-Slot Backplane Rack (no hot swap)				
	NX9000	8-Slot Backplane Rack				
	NX9001	12-Slot Backplane Rack				
	NX9002	16-Slot Backplane Rack				
	NX9003	24-Slot Backplane Rack				
NX-ERA Jet Modules	NJ1001	24 Vdc 16 DI Module				
	NJ1005	8 DO 24 Vdc Transistor and 8 DI 24 Vdc Mixed Module				
	NJ6000	8 AI Voltage/Current Module - 16 bits				
	NJ6001	6 AI Voltage/Current Module - 12 bits				
	NJ6010	8 AI Thermocouple Module				
	NJ6011	4 AI Thermocouple Module				
	NJ6020	8 AI RTD Module				
	NJ2001	24 Vdc 16 DO Transistor Module				
	NJ6100	4 AO Voltage/Current Module - 16 bits				
	NJ6101	4 AO Voltage/Current Module - 12 bits				
	NJ6005	4 AO/6 AI Mixed Module - 12 bits				
Software	Tools LITE	Programming software - Lite				
	Tools BASIC	Programming software - Basic				
	Tools PRO	Programming software - Professional				

*Standard protocols: MODBUS RTU, MODBUS TCP, MODBUS RTU/TCP, SNTP, SNMP and OPC DA.

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automation & controls

electrical engineering

workplace technology