

## Main specifications

Product name		NJ/NY-series NC Integrated Controller			
Model		NY532-5400-□		NJ501-5300	
Hardware		Industrial panel PC		Modular controller	
Screen size		15.4 inches	12.1 inches	-	
Storage		128 GB SSD MLC	64 GB SSD SLC	128 GB SSD MLC	64 GB SSD SLC
Operating system		Windows Embedded Standard 7 - 64 bits		-	
Task		Multi-tasking program			
Control functionality		<ul style="list-style-type: none"> <li>• Logic sequence</li> <li>• Motion</li> <li>• Numerical control (NC)</li> </ul>			
Number of axes	Max. sync axes	32		16	
	Sync axes per channel	4			
	Number of channels	8		4	
Fastest cycle time		500 μs			
Software tool	Integrated development environment	Sysmac Studio: <ul style="list-style-type: none"> <li>• Ladder, Structured Text, In-Line ST</li> <li>• IEC61131-3</li> <li>• PLCopen® for Motion Control and Safety</li> <li>• G, M code</li> </ul>			
	Graphic user interface	CNC operator: <ul style="list-style-type: none"> <li>• G, M code</li> </ul>			
Program capacity		40 MB		20 MB	
NC program buffer		64 MB		16 MB	
Memory card		SD and SDHC memory card			
Built-in port		Ethernet, EtherNet/IP, EtherCAT, USB 3.0/2.0, DVI		EtherNet/IP, EtherCAT, USB	
EtherCAT slaves		192			