



Main catalog

Industrial Automation & Motion

PLCs, HMIs, Drives, Servo Drives, Motion Controllers

Power and productivity
for a better world™



Motion controllers

NextMove



NextMove e100

NextMove e100 (Ethernet Powerlink, Modbus® TCP and Modbus RTU)

- Compact, high performance motion controller
- Real-time Ethernet Powerlink and Modbus® TCP/IP
- 8, 12 or 16 axes of interpolated motion
- (16 MN + 14 CN) profiled axes = max. 30 Powerlink axes
- 4 stepper axes / 3 analog axes
- CANopen® network manager
- RS232/422 and USB communications
- Advanced multitasking MINT programming
- ActiveX® controls
- Integrated digital/analog I/O including high speed registration inputs.

Number of axes	Order code		Price
	Differential stepper	Single ended stepper	
8	NXE100-1608DBW	NXE100-1608SBW (1)	
12	NXE100-1612DBW	NXE100-1612SBW (1)	
16	NXE100-1616DBW	NXE100-1616SBW (1)	

(1) For use with DSMS stepper/driver.

NextMove ESB-2



NextMove ESB-2

- Compact, panel mount motion controller
- Economical and simple to install
- Powerful multitasking MINT programming
- 4 axes of closed loop control
- 4 axes of open loop control (step/direction outputs)
- Max. 8 axes
- USB, serial and CANopen® provide flexible communications to PLC, distributed I/O and other devices
- Integrated digital/analog I/O including high speed registration inputs
- Firmware variant allows the controller to operate as a CANopen® DS402 master and control up to 64 axes.

Number of axes	Serial port	Order code		Price
		Differential stepper	Single ended stepper	
7	RS232 / USB	NSB202-501W	NSB203-501W	
7	RS485 / USB	NSB202-502W	NSB203-502W	
8	RS232 / USB	NSB204-501W	NSB205-501W	
8	RS485 / USB	NSB204-502W	NSB205-502W	

NextMove PCI-2



NextMove PCI-2

- Compact, high performance PCI-bus motion controller
- 4 stepper axes + 4 analog axes = max. 8 axes
- Onboard digital and analog I/O
- CANopen® for distributed control
- High speed PCI bus interface
- Advanced multitasking MINT or ActiveX® programming
- Firmware variant allows the controller to operate as a CANopen® DS402 master and control up to 64 axes.

Number of axes	Order code		Price
	PNP outputs	NPN outputs	
1 (2)	PCI201-501	PCI201-511	
2 (2)	PCI201-502	PCI201-512	
3 (2)	PCI201-503	PCI201-513	
4 (2)	PCI201-504	PCI201-514	
8 (3)	PCI201-508	PCI201-518	

(2) User configurable for servo or stepper. (3) 4-axis servo control and 4-axis stepper.

Plug in option cards for use with MotiFlex e100

- Plug-in motion controller
- 4 POWERLINK axes + 1 analog axes = max. 5 axes
- Onboard digital and analog I/O
- Encoder input for electronic gearing functions
- CANopen® manager for I/O expansion (via host drive)
- Add CP600 HMI via RS485 Modbus® RTU
- Fully utilize drive I/O and interfaces including additional option cards.

Description	Order code	Price
Single axis MINT motion option (plug-in)	OPT-MF-100	
Multi-axis MINT motion option (plug-in)	OPT-MF-101	



MotiFlex e100 connection panel

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Order code classification

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1SAP501800R0051	DV500-OP500	8/137	1TNE968902R2102	DI562	3/38	NXE100-1616DBW		10/153
1SAP501800R0061	DV500-OP1000	8/137	1TNE968902R2103	DI571	3/38	NXE100-1616SBW		10/153
1SAP501800R0071	DV500-OP2000	8/137	1TNE968902R2201	DO561	3/38	OPT-CM-001		10/151
1SAP501800R0081	DV500-OPUNL	8/137	1TNE968902R2202	DO571	3/38	OPT-CM-002		10/151
1SAP501800R0091	DV500-EXP100	8/137	1TNE968902R2203	DO572	3/38	OPT-CM-003		10/151
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1SAP501800R0111	DV500-EXP500	8/137	1TNE968902R2302	DX571	3/38	OPT-FB-001		10/151
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