

Operating System Support for PI Motion Controller

Windows 7, Windows 8.1, Windows 10

Controller	Platform	PCI driver	USB driver	Low level library	High level library	Terminal program	PIMikroMove	NI LabVIEW™	MATLAB	NanoCapture	Installation package	Additional software
C-413	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
C-663	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓ ²	-	✓	
C-663.11	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
C-663.12	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
C-702	32-Bit	-	-	-	✓	✓	✓	✓	○	-	✓	
	64-Bit	-	-	-	✓ ¹	✓ ¹	✓ ¹	✓	○ ²	-	-	
C-843	32-Bit	✓	-	✓	✓	✓	✓	✓	✓	-	✓	StateViewer
	64-Bit	✓	-	✓ ¹	✓	✓ ¹	✓ ¹	✓	✓	-	✓	StateViewer ¹
C-863	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓ ²	-	✓	
C-863.11	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
C-867	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
C-877	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
C-884	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	

C-885	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
C-886	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	PIHexapodDataFiles, 3D Library, PIFirmwareManager
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	PIHexapodDataFiles, 3D Library ¹ , PIFirmwareManager ¹
C-887	32-Bit	-	-	-	✓	✓	✓	✓	✓	-	✓	Firmware Simulation, Working space simulation tool, PIVeriMove, PIHexapodDataFiles, 3D Library, PIFirmwareManager
	64-Bit	-	-	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	Firmware Simulation, Working space simulation tool ¹ , PIVeriMove ¹ ,PIHexapodDataFiles, 3D Library ¹ , PIFirmwareManager ¹
C-891	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
D-710	32-Bit	-	✓	-	-	-	-	-	-	-	✓	PIOneAdjust
	64-Bit	-	✓	-	-	-	-	-	-	-	✓	PIOneAdjust ¹
E-517	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	-	
E-518	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	-	
E-609	32-Bit	-	✓	-	-	-	-	-	-	-	✓	E-609 ConfigurationTool
	64-Bit	-	✓	-	-	-	-	-	-	-	✓	E-609 ConfigurationTool ¹
E-621 ³ E-625 ³ E-665 ³ E-816 ³	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓ ¹	✓ ¹	✓ ¹	✓	✓	-	-	
E-709	32-Bit	-	✓	-	✓	✓	✓	✓	✓	✓	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	✓ ¹	✓	
E-710	32-Bit	-	-	-	✓	✓	-	✓	○	✓	✓	PZTControl
	64-Bit	-	-	-	✓	✓ ¹	-	✓	○ ²	✓ ¹	-	
E-712	32-Bit	-	✓	-	✓	✓	✓	✓	✓	✓	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	✓ ¹	✓	
E-725	32-Bit	-	✓	-	✓	✓	✓	✓	✓	✓	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	✓ ¹	-	
E-727	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓	
E-753	32-Bit	-	-	-	✓	✓	✓	✓	✓	✓	✓	
	64-Bit	-	-	-	✓	✓ ¹	✓ ¹	✓	✓	✓ ¹	-	

E-754	32-Bit	-	✓	-	✓	✓	✓	✓	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓ ²	-	-		
E-755	32-Bit	-	-	-	✓	✓	✓	✓	○	✓	✓		
	64-Bit	-	-	-	✓	✓ ¹	✓ ¹	✓	○ ²	✓ ¹	-		
E-761	32-Bit	✓	-	-	✓	✓	✓	✓	○	✓	✓		
	64-Bit	✓	-	-	✓	✓ ¹	✓ ¹	✓	○ ²	✓ ¹	-		
E-861	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
	64-Bit	-	✓	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓		
E-870	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	E870Control	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓		
E-871	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
	64-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
E-872	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
	64-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
E-873	32-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
	64-Bit	-	✓	-	✓	✓	✓	✓	✓	-	✓		
F-206	32-Bit	-	-	-	✓	✓	✓	✓	○	-	✓	Firmware Simulation, Force Calculation tool	
	64-Bit	-	-	-	✓ ¹	✓ ¹	✓ ¹	✓	○ ²	-	-		
M-8x0	32-Bit	-	-	-	✓	✓	✓	✓	○	-	✓	Firmware Simulation, Working space simulation tool	
	64-Bit	-	-	-	✓ ¹	✓ ¹	✓ ¹	✓	○ ²	-	-		
Hydra/Pollux	32-Bit	-	-	-	✓	✓	✓	✓	✓	-	✓		
	64-Bit	-	-	-	✓	✓ ¹	✓ ¹	✓	✓	-	✓		

Linux

Controller	Platform	PCI driver	USB driver	Low level library	High level library	Terminal program	PIMikroMove	NI LabVIEW	MATLAB	NanoCapture	Installation package	Additional software
C-413	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-663	32-Bit	-	○	-	✓	○	-	✓	○	-	-	
C-663.11	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-843	32-Bit	○	-	○	-	-	-	-	○	-	-	
C-863	32-Bit	-	○	-	✓	✓	-	✓	○	-	-	
C-863.11	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-866	32-Bit	-	○	○	-	-	-	-	-	-	-	
C-867	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
C-877	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-884	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-885	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-886	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
C-887	32-Bit	-	-	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	-	-	✓	✓	-	✓	○	-	✓	
C-891	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	

D-710	32-Bit	-	○	-	-	-	-	-	-	-	○	
E-517	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
E-518	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-609	32-Bit	-	○	-	-	-	-	-	-	-	○	
E-621 ³ E-625 ³ E-665 ³ E-816 ³	32-Bit	-	○	-	✓	○	-	✓	-	-	-	
E-709	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-710	32-Bit	-	-	-	○	○	-	○	○	-	-	
E-712	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-725	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-727	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-753	32-Bit	-	-	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	-	-	✓	✓	-	✓	✓	-	✓	
E-754	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-755	32-Bit	-	-	-	○	○	-	○	○	-	-	
E-761	32-Bit	✓	-	✓	✓	✓	-	✓	○	-	✓	
E-861	32-Bit	-	✓	-	✓	✓	-	✓	✓	-	✓	
E-871	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
E-873	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
	64-Bit	-	✓	-	✓	✓	-	✓	○	-	✓	
F-206	32-Bit	-	-	-	✓	○	-	✓	○	-	-	

M-8x0	32-Bit	-	-	-	✓	○	-	✓	○	-	-
Hydra/Pollux	32-Bit	-	✓	-	✓	✓	-	✓	○	-	✓
	64-Bit	-	-	-	✓	✓	-	✓	○	-	✓

✓ Available

○ A beta version is available on request

- Not available

¹ Available as 32-Bit version. Drivers need to be specially built for the 64-bit platform. Applications like PIMikroMove can also be used as 32-bit version, as well as DLLs like the High Level Library (GCS DLL). Customers who build their own software especially for 64-bit will need native 64-bit libraries. They are welcome to ask for a beta version of those.

² MATLAB requires a third party 64bit C++ Compiler. Such compilers are available for free and must be installed by the user. A list of suitable compilers is provided by MathWorks: <http://www.mathworks.com/support/compilers/R2014b/index.html>

³ E-816 is the interface module built in E-621, E-625 and E-665 and is used for communication with the host-software

Updated: April 2018