Operating System Support for PI Motion Controller

Windows Vista, Windows 7, Windows 8, Windows 10

Controller	Platform	PCI driver	USB driver	Low level library	High level library	Terminal program	PIMikroMove	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]	✓	✓[2]		✓	
C-702	32-Bit				✓	✓	✓	✓	○		✓	
	64-Bit				✓[1]	✓[1]	✓[1]	✓	○[2]		-	
C-843	32-Bit	✓		✓	✓	✓	✓	✓	✓		✓	StateViewer
	64-Bit	✓		✓[1]	✓	✓[1]	✓[1]	✓	✓[2]		✓	StateViewer[1]
C-863	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		✓	
C-863.11	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		✓	
C-867	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		✓	
C-877	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		✓	
C-884	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓	✓	✓	✓[2]		✓	
C-885	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓	✓	✓	✓[2]		✓	
C-887	32-Bit		✓		✓	✓	✓	✓	✓		✓	Firmware Simulation, Working space simulation tool
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		✓	Firmware Simulation, Working space simulation tool[1]
C-891	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓	✓	✓	✓[2]		✓	
D-710	32-Bit		✓								✓	PIOneAdjust
	64-Bit		✓								✓	PIOneAdjust[1]
E-517	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		-	
E-518	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		-	
E-609	32-Bit		✓								✓	E-609 ConfigurationTool
	64-Bit		✓								✓	E-609 ConfigurationTool[1]

Controller	Plattform	PCI driver	USB driver	Low level library	High level library	Terminal program	PIMikroMove	LabVIEW	MATLAB	NanoCapture	Installation package	Additional software
E-621[3] E-625[3] E-665[3] E-816[3]	32-Bit		✓		✓	✓	✓	✓	✓		✓	
E-621[3] E-625[3] E-665[3] E-816[3]	64-Bit		✓		✓[1]	✓[1]	✓[1]	✓	✓[2]		-	
E-709	32-Bit		✓		✓	✓	✓	✓	✓	✓	✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]	✓[1]	✓	
E-710	32-Bit				✓	✓	-	✓	O	✓	✓	PZTControl
	64-Bit				✓	✓[1]	-	✓	O[2]	✓[1]	-	
E-712	32-Bit		✓		✓	✓	✓	✓	✓	✓	✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]	✓[1]	✓	
E-725	32-Bit		✓		✓	✓	✓	✓	✓	✓	✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]	✓[1]	-	
E-753	32-Bit				✓	✓	✓	✓	✓	✓	✓	
	64-Bit				✓	✓[1]	✓[1]	✓	✓[2]	✓[1]	-	
E-754	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		-	
E-755	32-Bit				✓	✓	✓	✓	O	✓	✓	
	64-Bit				✓	✓[1]	✓[1]	✓	O[2]	✓[1]	-	
E-761	32-Bit	✓			✓	✓	✓	✓	O		✓	
	64-Bit	✓			✓	✓[1]	✓[1]	✓	O[2]	✓[1]	-	
E-861	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓[1]	✓[1]	✓	✓[2]		✓	
E-870	32-Bit		✓		✓	✓		✓	✓		✓	E870Control
	64-Bit		✓		✓	✓		✓	✓[2]		✓	
E-871	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓	✓	✓	✓[2]		✓	
E-873	32-Bit		✓		✓	✓	✓	✓	✓		✓	
	64-Bit		✓		✓	✓	✓	✓	✓[2]		✓	
F-206	32-Bit				✓	✓	✓	✓	O		✓	Firmware Simulation, Force Calculation tool
	64-Bit				✓[1]	✓[1]	✓[1]	✓	O[2]		-	
M-8x0	32-Bit				✓	✓	✓	✓	O		✓	Firmware Simulation, Working space simulation tool
	64-Bit				✓[1]	✓[1]	✓[1]	✓	O[2]		-	
Hydra/Pollux	32-Bit				✓	✓	✓	✓	✓		✓	
	64-Bit				✓	✓[1]	✓[1]	✓	✓[2]		✓	

✓   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

O   A beta version is available on request

-   Not available

[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: November 2016