

QUICKNOTE

applicomIO NIC - Compatibility tables

Rev	Date	File Name
1.25	09/12/2022	applicomIO NIC - Compatibility tables

- Product concerned: applicomIO product family
- Product version: All
- Environment: All
- Related documents: applicomIO hardware Help File (detailed technical information)
- Restriction : None

This document describes the compatibility between the OS / Hardware / Software / Firmware versions.

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Compatibility tables

2.1. Compatibility between the applicomIO software versions and the Windows operating systems

TABLE 1

applicomIO software versions	V2.0	V2.1	V2.2	V2.3	V2.4	V3.0	V3.1	V3.2	V4.0⁽¹⁾	V4.1⁽²⁾	V4.2⁽³⁾
Latest applicomIO Service Pack	SP1	SP5	SP2	SP4	/	/	/	/	/	/	/
Version Delivery Dates	2005	2006	2007	2008	2009	2010	2011	2012	Oct 2013	May 2014	Feb 2016
Windows 11 (32/64 Bits WoW64)											√
Windows 10 (32/64 Bits WoW64)											√
Windows 2016 server (64 Bits)											√ ⁽⁴⁾
Windows 2012 server / 2012 R2 (64 Bits WoW64)										√	√
Windows 8 / 8.1 (64 Bits WoW64)										√	√
Windows 2008 Server R2 (64 Bits WoW64)						√	√	√	√	√	√
Windows 2008 Server SP2 (32/64 Bits WoW64)						√	√	√	√	√	√
Seven (32/64 Bits WoW64)						√	√	√	√	√	√
Vista SP2 (32/64 Bits WoW64)						√	√	√	√	√	
Windows 2003 Server SP2 (32/64 Bits WoW64)					√*	√	√	√	√	√	
Windows XP SP3 (32/64 Bits WoW64)					√*	√	√	√	√	√	
Windows 2003 Server SP2 32 Bits			√	√	√	√	√	√	√	√	
Windows XP SP3 32 Bits			√	√	√	√	√	√	√	√	
Windows 2000 Server SP4	√	√	√	√	√						
Windows 2000 SP4	√	√	√	√	√						
Windows NT 4.0 SP6	√	√	√	√							

(*)You need to install the 64 bits driver manually. Please prefer to install the V3.0 version or higher.

For your information, you can find all the applicomIO software versions from our [Support Center](#).
Select Download Center and enter “applicomIO” for option 3.

WoW64 (Windows-on-Windows 64-bit) is a subsystem of the Windows operating system that is capable of running 32-bits applications and is included on all 64-bit versions of Windows.

1. Add support of PCU-DP2IO / PCIE-DP2IO (Software version not available on the Download Centre). Minor bug corrections and improvements
2. Add support of CPCU-DP2IO + support of Windows 8 / 8.1 and Windows 2012 server / 2012 R2. Minor bug corrections and improvements
3. Support of Windows 10. Minor & Major bug corrections and improvements.
4. The “Device Guard” must be disabled

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2.2. Compatibility between the applicomIO and the Bios versions of the different type of cards

TABLE 2

applicomIO SW versions	2.1	2.2	2.3	2.3 SP4	2.4	3.0	3.1	3.2	4.0	4.1	4.2	Bios	S/N
PCI-DPIO *	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1	/	/	/	/	/	/	/	Flash	190000/199999
PCI-IBSIO *	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1	/	/	/	/	/	/	/	Flash	200000/209999
PC104-DPIO *	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1	/	/	/	/	/	/	/	Flash	210000/219999
PCI-CANIO *	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1	/	/	/	/	/	/	/	Flash	260000/269999
PCI-DVNIO *	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1	/	/	/	/	/	/	/	Flash	250000/259999
PCI-DPIO B **		4.2.0	4.2.0	4.5.1	4.5.1	/	/	/	/	/	/	Flash	420000/429999
PCI-ETHIO C **		4.2.0/4.4.0	4.4.0	4.4.0	4.4.0	/	/	/	/	/	/	Flash	410000/419999
PCI-ETHIO D **		4.3.0/4.4.0	4.4.0	4.4.0	4.4.0	/	/	/	/	/	/	Flash	440000/449999
CPCI-DPIO		4.3.2	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	Flash	340000/349999
PC104-CANIO	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1/4.5.1	4.0.1/4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	Flash	310000/319999
PC104-DVNIO	4.0.0/4.0.1	4.0.1	4.0.1	4.0.1/4.5.1	4.0.1/4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	Flash	320000/329999
PC104-DPIO B		4.2.0	4.2.0	4.2.0/4.5.1	4.2.0/4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	4.5.1	Flash	350000/360000
PCU-ETHIO E / E3			4.5.1/4.6.0	4.6.3	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	510000/512999
PCU-DPIO E / E3			4.5.2/4.6.0	4.6.3	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	Flash	550000/559999
PCU-CANIO E / E3			4.6.0	4.6.3	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	570000/570999
PCU-DVNIO E3			4.6.0	4.6.3	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	560000/560999
PCU-ETHIO F					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	513000/519999
PCU-DPIO F					4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	Flash	700000/709999
PCU-CANIO F					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	571000/571999
PCU-DVNIO F					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	561000/561999
PCIE-ETHIO					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	640000/649999
PCIE-DPIO					4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	4.6.5/4.6.6	Flash	650000/659999
PCIE-CANIO					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	630000/639999
PCIE-DVNIO					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	660000/669999
PCU-DP2IO V1									1.0.17.0	1.0.20.0	1.0.20.0	N/A	720896/733183
PCIE-DP2IO V1									1.0.17.0	1.0.20.0	1.0.20.0	N/A	733184/745471
CPCI- DP2IO V1										1.0.20.0	1.0.20.0	N/A	745472/757759
PCU-ETHIO F2					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	1088576/1108575
PCU-CANIO F2					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	572000/579999
PCU-DVNIO F2					4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	4.6.5	Flash	562000/569999

Note:

(*)You can no longer purchase these cards. No firmware delivered. No update possible.

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Allen Bradley EtherNet/IP IO messaging only available from PCI-ETHIO C/D V4.4.0 + applicomIO 2.2 SP2.

PROFINET IO messaging only available from PCU-ETHIO E V4.6.5 + applicomIO 2.4 or higher.

PCIE => PCI Express card.

When legacy PCI card is installed in latest PC generation (Multi-processor, Multi-core,...) there is a potential risk to meet hardware incompatibly/issues (speed bus, timings..)

In case of such issue :

⇒ When possible, Molex highly recommends to replace the existing PCI card, and use our latest Network Interface Card supporting Universal PCI 3.3/5V (ref. DRL-xxx- PCU) or PCI Express 1x (ref. DRL-xxx-PCIE) slot bus.

⇒ Molex cannot be held as responsible. You – and not Molex or a Distributor – assume the entire cost of necessary servicing, repair, purchasing or correction.