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QUICKNOTE

applicom NIC - Compatibility tables

Rev	Date	File Name
1.29	24/11/2017	applicom NIC - Compatibility tables

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

This document describes you how to update your existing configuration according to yours requirements.
To offer you the best information, we advise you to read this document from start to the end in order to be sure having the good settings and to get the best solution.
The information in this document is reliable at the time of the editing. At any time, Molex can decide to change this information.

1. Compatibility tables

1.1. Compatibility between the applicom software versions and the Windows operating systems

TABLE 1

applicom software versions	V4.3	V4.2	V4.1	V4.0	V4.0(2)	V3.8	V3.7	V3.6(1)	V3.5	V3.4	V3.3	V3.2	V3.1	V3.0
Latest applicom Service Pack				SP2		SP5	SP1	SP4		SP2	SP3	SP3	SP2	
Version Delivery Dates	Sept 2016	Aug 2014	2011	2011	2008	2004	2003	2002	2001	2001	2000	1999	1999	1998
Windows 10 (64 Bits)	√													
Windows 2016 server (64-bits)	√(4)													
Windows 2012 server / 2012 R2 64-bits	√	√												
Windows 8 / 8.1 SP2 (32/64 Bits)	√	√												
Windows 2008 Server R2 64 Bits (WoW64 only)	√	√	√	√										
Windows 2008 Server SP2 (32/64 Bits WoW64 only)	√	√	√	√										
Seven (32/64 Bits WoW64 only)	√	√	√	√										
Vista SP2 (64 Bits WoW64 only)	√	√	√	√	√(3)									
Vista SP2 32 Bits			√	√	√									
Windows 2003 Server SP2 (64 Bits WoW64 only)	√	√	√	√	√(3)	√(3)								
Windows XP SP3 (64 Bits WoW64 only)			√	√	√(3)	√(3)								
Windows 2003 Server SP2 32 Bits	√	√	√	√	√	√								
Windows XP SP3 32 Bits			√	√	√	√	√	√	√(3)					
Windows 2000 Server SP4						√	√	√	√	√				
Windows 2000 SP4						√	√	√	√	√				
Windows NT 4.0 SP 6						√	√	√	√	√	√	√	√	√

1	FMS Profibus messaging is an obsolete and discontinued protocol. It's no longer supported for higher versions than V3.6. Moreover the PCU1500PFB (D/E/E3/F/F2) / PCIE1500PFB have not been validated under V3.6. Thus, we strongly recommend to not using them under V3.6 for FMS / S5 for S7 / FDL messaging. In such case, no support/assistance will be provided.
2	You need to install the 64 bits driver manually. Please prefer installing v4.0 SP2 version or upper
3	OPC server is available. No DDE server.
4	The "Device Guard" option must be disabled

For your information, you can find all the applicom software versions from this link. (Option 3 =>applicom)

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

QUICKNOTE

applicom NIC - Compatibility tables

1.2. Compatibility between the applicom and the Bios versions of the different types of cards

TABLE 2

Bus format	Card name + version	V4.3(3)	V4.2(3)	V4.1 (3)	V4.0 (3)	V3.8	V3.7	V3.6	V3.5	V3.4	V3.3	V3.2	V3.1	V3.0	Bios	S/N
PCI Express x1	PCIE2000ETH	4.5.0	4.5.0	4.5.0	4.5.0										Flash	590000/599999
	PCIE1500PFB	4.5.0	4.5.0	4.5.0	4.5.0										Flash	610000/619999
	PCIE1500S7	4.5.0	4.5.0	4.5.0	4.5.0										Flash	620000/629999
	PCIE1000	4.5.0	4.5.0	4.5.0	4.5.0										Flash	600000/609999
Univ. PCI 3.3V&5V	PCU2000ETH F2	4.5.0	4.5.0	4.5.0	4.5.0										Flash	1068576/1088575
	PCU2000ETH F	4.5.0	4.5.0	4.5.0	4.5.0										Flash	710000/719999
	PCU1500PFB F2	4.5.0	4.5.0	4.5.0	4.5.0										Flash	526000/529999
	PCU1500PFB F	4.5.0	4.5.0	4.5.0	4.5.0										Flash	524000/525999
	PCU1500S7 F2	4.5.0	4.5.0	4.5.0	4.5.0										Flash	535000/539999
	PCU1500S7 F	4.5.0	4.5.0	4.5.0	4.5.0										Flash	534000/534999
	PCU1000 F2	4.5.0	4.5.0	4.5.0	4.5.0										Flash	545000/549999
	PCU1000 F	4.5.0	4.5.0	4.5.0	4.5.0										Flash	543000/544999
	PCU2000ETH E3 (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0							Flash	580000/589999
	PCU2000ETH E (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0							Flash	500000/509999
	PCU1500PFB E3 (3))	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0								Flash	521000/523999
	PCU1500PFB E (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0								Flash	520000/520999
	PCU1500S7 E3 (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0							Flash	531000/533999
	PCU1500S7 E (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0							Flash	530000/530999
	PCU1000 E3 (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0							Flash	541000/542999
	PCU1000 E (3)	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0	4.5.0							Flash	540000/540999
	PCU2000ETH D (3)	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0							Flash	430000/439999
	PCU1000 D (3)	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0							Flash	470000/479999
	PCU1500PFB D (3)	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0								Flash	450000/459999
	PCU1500S7 D (3)	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0	4.3.0							Flash	460000/469999
PCI 5V (3)	PCI2000FIP (2)	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1		EPROM	120000/129999 224900/ 224999
	PCI4000 (2)	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1		EPROM	130000/139999 225000/ 225999
	PCI1000 (2)	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1		EPROM	140000/149999 225100/ 225299
	PCI1500S7 (2)	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.0	3.7.5/3.7.6	3.7.1	3.7.1		EPROM	150000/156999 221000/ 221999
	PCI1500PFB (2)	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.0	3.7.5/3.7.6	3.7.1	3.7.1		EPROM	160000/166999 222000/ 223999
	PC104PFB (2)	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.0	3.7.5/3.9.0	3.7.2	3.7.2		Flash	180000/189999
	PCI2000 (2)	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5/3.8.0	3.7.3			EPROM	230000/239999 225300/ 225399
	PCI2000MBP (2)	4.0.0/4.5.1	4.0.0/4.5.1	4.0.0/4.5.1	4.0.0/4.5.1	4.0.0/4.5.1	4.0.0	4.0.0	4.0.0	4.0.0	3.8.0				Flash	240000/249999 227000/ 227999
	PCI2000ETH B (2)	4.1.0	4.1.0	4.1.0	4.1.0	4.1.0	4.1.0	4.1.0	4.0.1	4.0.0	3.9.0				Flash	290000/299999 307000/ 307999
	CPCI1000PFB (2)	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.1	4.0.0					Flash	330000/339999
	PC104PFB B (2)	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0	4.2.0							Flash	360000/369999
	PCI2000PFB B (2)	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0/4.5.1	4.2.0	4.2.0							Flash	400000/ 409999
	PCI2000ETH C (2))	4.2.0	4.2.0	4.2.0	4.2.0	4.2.0	4.2.0	4.2.0							Flash	390000/399999
	PCI2000ETH A (1)	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5/3.7.6	3.7.1	3.7.1	3.7.0	EPROM	110000/119999 220000/220999
	PCI2000PFB (1)	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5/3.9.0	3.7.1	3.7.1	3.6.0	Flash	90000/99999 224700/224799
ISA	PC4000A (1)	/	/	/	/	/	/	/	/	/	/	3.7.1	3.7.1	3.4	EPROM	N/A
	PC1000A (1)	/	/	/	/	/	/	/	/	/	/	3.7.1	3.7.1	3.3	EPROM	N/A
	PC1000PFB (1)	/	/	/	/	/	/	/	/	/	/	3.2	3.2	3.2	EPROM	N/A
	PC2000ETH A (1)	/	/	/	/	/	/	/	/	/	/	3.7.1	3.7.1	3.6.0	EPROM	N/A
	PC1000B (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1	3.6.0	EPROM	10000/19999
	PC2000ETH (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5/3.7.6	3.7.1	3.7.1	3.6.0	EPROM	20000/29999
	PC1500PFB (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1	3.6.0	EPROM	30000/39999
	PC4000B (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.3	3.7.1/3.7.3	3.6.0	EPROM	40000/49999
	PC2000FIP (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1	3.6.0/3.7.0	EPROM	50000/59999
	PC2000 (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1	3.6.0	EPROM	60000/69999
	PC1500S7 (1)	/	/	/	/	4.0.0	4.0.0	4.0.0	4.0.0	4.0.0	3.7.5	3.7.1	3.7.1	3.6.0	EPROM	100000/109999

QUICKNOTE

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Notes:

1	Card Type: Those cards can no longer be upgraded (bios).
2	Read carefully the limitations (see here below) in this document when upgrading legacy PCI card with latest PC generation.
3	Those cards are compatible Windows Vista and upper with the key CA0107 / CA0108.Please check it out with PCKEY.exe tool. If you can't, please be aware that PCU2000ETH with S/N lower than 582290, PCU1500PFB with S/N < 521624, PCU1500S7 with S/N < 531768 and PCU1000 with S/N < 541304 were delivered without such key. You need to purchase an upgrade package (part number APP-UPG-CRD).

2. Limitations when upgrading legacy PCI card in Latest PC generation

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 (when applicable) supporting Universal PCI 3.3/5V (ref. APP-xxx- PCU) or PCI Express 1x (ref. APP-xxx-PCIE) slot bus.*
- *Molex cannot be held as responsible. You – and not Molex or a Distributor – assumes the entire cost of necessary servicing, repair, purchasing or correction.*

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