

QUICKNOTE

Direct-Link PC NIC - Compatibility tables

Rev	Date	File Name
1.27	5/31/2022	Direct-Link PC NIC - Compatibility tables

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

This document describes the compatibility between the DRL software versions, Windows operating systems and Virtual machine soft wares. It also describes the features available according to the DRL software versions.

The information in this document is reliable at the time of the drafting. At any time, Molex can decide to change this information.

1. Compatibility tables

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

TABLE 1

Direct-Link software versions	V3.8	V3.9	V4.0	V4.1	V4.1.1	V4.1.2	V5.0	V5.1	V5.1.1
Latest DRL Service Pack	SP3	SP2	SP2	/	/	/	/	/	/
Version Delivery Dates	2005	2006	Feb 2011	April 2012	Jan 2013	May 2014	May 2014	Nov 2016	Oct 2021
Windows Server 2022									√
Windows 11									√
Windows Server 2019 (WoW64 only)								√	√
Windows Server 2016 (WoW64 only)								√	√
Windows 10 (WoW64 only)								√	√
Windows Server 2012 / 2012 R2 64 Bits							√	√	√
Windows 8 / 8.1							√	√	√
Windows Server 2008 R2 SP1 64 Bits (WoW64 only)			√	√	√	√	√	√	√
Windows Server 2008 SP2 (32 Bits & 64 Bits WoW64 only)			√	√	√	√	√	√	√
Windows 7 (32/64 Bits WoW64 only)			√	√	√	√	√	√	√
Windows Vista SP2 (32/64 Bits WoW64 only)			√	√	√	√	√	√	√
Windows Server 2003 SP2 (64 Bits WoW64 only)		√	√	√	√	√	√		
Windows XP SP3 (64 Bits WoW64 only)		√	√	√	√	√			
Windows Server 2003 SP2 32 Bits		√	√	√	√	√	√		
Windows XP SP3 32 Bits	√	√	√	√	√	√			
Windows Server 2000 SP4	√	√							
Windows 2000 SP4	√	√							
Windows NT 4.0 SP 6	√	√							

Note: There is no upward/downward compatibility for licenses (Software and USB Dongle) between software versions V3.x and V4.x. It means that V3.x licenses cannot be used with V4.X software versions and vice versa.

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.

For your information, you can find the latest Direct-Link PCNI trial versions from our [Download Center](#).

QUICKNOTE

Direct-Link PC NIC - Compatibility tables

1.2. Options available from to the DRL software version.

- **SW1000ETH:** This solution allows the use of one or more industrial messaging systems simultaneously on TCP/IP (Client and Server modes) using your computer's Ethernet network card (Ethway is not supported)
- **SW1000SER:** This solution allows the use of an industrial protocol via your computer's serial communication port (COM1, COM2...). Depending on the type of protocol used and the remote equipment targeted, you may need to use a converter (RS232, RS485...)
- **DRL-MPI-USB:** This solution allows the use of Siemens MPI and S7 Profibus messaging via an USB Adapter.
- **DRL-PFB-USB:** This solution allows the use of Siemens MPI, S7 and S5 messaging as well as the Profibus DP via an USB Adapter.
- **DRL-MPI-PCU:** This solution allows the use of Siemens MPI and S7 protocols via a PCU100PFB board in PCI-X universal bus format (5 V and 3.3 V).
- **DRL-DPS-PCU:** Never been released

Direct-Link software versions	V3.7	V3.8	V3.9	V4.0	V4.1	V4.1.1	V4.1.2	V5.0	V5.1	V5.1.1
Latest DRL Service Pack	SP1	SP3	SP2	SP2	/	/	/	/	/	/
Version Delivery Dates	2004	2005	2006	Feb 2011	April 2012	Jan 2013	May 2014	May 2014	Nov 2016	Oct 2021
SW1000SER	√	√	√	√	√	√	√			
SW1000ETH	√	√	√	√	√	√	√	√	√	√
DRL-MPI-PCU	√	√	√	√*	√*	√*	√*			
DRL-MPI-USB			√	√**	√**	√	√	√		
DRL-PFB-USB			√	√**	√**	√	√	√		

(*)These software versions for PCU-based solution (DRL-MPI-PCU) cannot be used with 64 bits operating systems. No 64 bits drivers available

(**)These software versions for USB-based solutions (DRL-MPI-USB & DRL-PFB-USB) cannot be used with 64 bits operating systems. No 64 bits drivers deployed. Please upgrade the software version available from our [Download Center](#)

1.3. Compatibility between the DRL PCNI software and Virtual Machines software.

	Virtual Machine version	DRL PCNI tested	DRL PCNI Version	Software license supported*	USB Hardware license supported**
Sun Virtual Box	3.1.2 / 4.0.6 / 6.1.4 / 6.1.34	Yes	4.x/5.x	YES	YES
Microsoft virtual PC	2007	Yes	4.x/5.x	YES	YES
Microsoft virtual PC	2009	Yes	4.x/5.x	YES	YES
VMWare Workstation	6.0.2 / 7.0 / 15.5.1 / 16.2.3	Yes	4.x/5.x	YES	YES
VMWare ESX-I ESX	4.x	Yes	4.x/5.x	YES	YES
Hyper-V	6.1?	No	4.x/5.x	YES	YES
XenServer	5.5 SP1	No	4.x/5.x	YES	YES

Note: If the Serial Number is lower than 4000353-15 (whatever your software version) and that you move you Virtual Machine from the original physical machine (from where the licence was activated) to another physical machine, the clone protection will be activated and it will prevent the software from operating. For Serial Number 4000353-15 and above, you can move your VM wherever you want without facing the issue.

** Supported with limitations as the VM software does not support the USB layer. Solutions exist to get round this limitation (ex: RJ45 / USB converters) through respective VM editor.