



**N7700Plus/N7700PRO/N7700PROv2/N7710/N7710-G/N8800Plus/N8800PRO/N8800PROv2/N8810U/N8810U-G
N8900/N8900V/N8900PRO/N12000/N12000V/N12000PRO/N16000/N16000V/N16000PRO/
W8900/W12000/W16000**

Extra NIC and 10G Switch Compatibility List

Intel 1Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)/PRO/ N12000V(PRO)/ W8900/W12000	N12000	N16000	N16000PRO/ N16000V/ W16000	N6850/ N8850/ N10850	N7710/N7710-G/ N8810U/N8810U-G	Socket	Port	P/N	Recently Updated
Gigabit Server Adapter	PRO/1000 PT	Compatible									RJ45	Single	-	OK 2011/04/12
Gigabit Server Adapter	PRG/1000 PT Dual Port	Compatible	Compatible	Compatible	Compatible			Compatible		Compatible(* 5)	RJ45	Dual	-	OK 2014/01/28
Gigabit Server Adapter	PRO/1000 PT Quad Port	Compatible	Compatible	Compatible	Compatible		Compatible	Compatible			RJ45	Quad	-	OK 2013/07/22
Gigabit Server Adapter	PRO/1000 PT Quad Port LP	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible			RJ45	Quad	-	OK 2012/02/03
Gigabit Server Adapter	Gigabit EF Dual Port	Compatible									SFP	Dual	-	OK 2011/04/12
Gigabit Server Adapter	Gigabit ET Quad Port	Compatible									RJ45	Quad	-	OK 2011/04/12

Emulex 10Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)/PRO/ N12000V(PRO)/ W8900/W12000	N12000	N16000	N16000PRO/ N16000V/ W16000	N6850/ N8850/ N10850	N7710/N7710-G/ N8810U/N8810U-G	Socket	Port	P/N	Recently Updated
OneConnect Network Adapters	OCe110102-NX (*7)				Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2014/01/28
OneConnect Network Adapters	OCe11102-NX				Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2014/01/28

Intel 10Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)/PRO/ N12000V(PRO)/ W8900/W12000	N12000	N16000	N16000PRO/ N16000V/ W16000	N6850/ N8850/ N10850	N7710/N7710-G/ N8810U/N8810U-G	Socket	Port	P/N	Recently Updated
Ethernet Server Adapter X520	X520-T2				Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Dual	E10G42BT	OK 2014/01/28
Ethernet Server Adapter X520	X520-SR1	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible			GBIC included	Single	E10G41BFSR	OK 2010/06/24
Ethernet Server Adapter X520	X520-SR2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible			GBIC included	Dual	E10G42BFSR	OK 2010/06/24
Ethernet Server Adapter X520	X520-DA2 (*1)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible		Compatible	SFP+	Dual	E10G42BTDA	OK 2014/01/28
CX4 Server Adapter	CX4	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	CX4	Dual	-	OK 2014/01/28
Ethernet Server Adapter X540	X540-T2		Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Dual	-	OK 2014/01/28

ATTO 10Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)/PRO/ N12000V(PRO)/ W8900/W12000	N12000	N16000	N16000PRO/ N16000V/ W16000	N6850/ N8850/ N10850	N7710/N7710-G/ N8810U/N8810U-G	Socket	Port	P/N	Recently Updated
FastFrame CS12	FFRM-CS12-000	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2013/09/16
FastFrame NS12	FFRM-NS12-000	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2013/10/22

Thecus 10Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)/PRO/ N12000V(PRO)/ W8900(*3)/ W12000(*8)	N12000	N16000	N16000PRO/ N16000V/ W16000(*8)	N6850/ N8850/ N10850	N7710/N7710-G/ N8810U/N8810U-G	Socket	Port	P/N	Recently Updated
C10GT NIC (Tehuti)	C10GT	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	CX4, SFP+ each	Dual	-	OK 2014/01/28
C10GT NIC (Tehuti)	C10GTR	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Single	-	OK 2014/03/05

10G Switch														
Brand*9	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)/PRO/ N12000V(PRO)/ W8900/W12000	N12000	N16000	N16000PRO/ N16000V/ W16000	N6850/ N8850/ N10850	N7710/N7710-G/ N8810U/N8810U-G	Socket	Port	P/N	Recently Updated
Allied Telesis	AT-x510-28GTX	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45 /1GFSP / 10GSFP	24 / 0 / 4	LINK	* OK 2014/04/01
Dlink	DGS-3420-28TC	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45 /1GFSP / 10GSFP	20 / 4 / 4	LINK	* OK 2014/04/01
Netgear	PROSAFE X5712T	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	10G RJ45 / 10G BASE-10	12 / 2	LINK	* OK 2014/04/01

Note 1. X520-DA2 needs Intel SFP+ SR Fiber Optical module (Intel P/N: E10GSFSPR). Reference URL: <http://www.intel.com/support/network/adapters/pro100/sb/CS-030160.htm>
 Note 2. We recommend users purchase Thecus's proprietary 10GbE NIC to avoid compatibility issue. Please refer to the "Where To Buy" page on our website - <http://www.thecus.com/wtb.php>
 Note 3. The following are Thecus 10GbE connectors:

- 3a. Thec SFP+ Copper cable and the CX4 Copper cable connect directly to the 10GbE NIC.
- 3b. The 10G SFP+ GBIC optical connector does not come with a fiber-optic cable.

Note 4. Steps for updating BIOS of N8900/N8900V/N12000V/N12000PRO/N16000V/N16000PRO

1. Eject all HDD, open top cover to remove SATAS DOM
2. We need to prepare USB drive as a free DOS bootable disk from: <http://rufus.akeo.ie/> or https://github.com/downloads/pbatard/rufus/rufus_v1.1.7f.exe
3. Copy BIOS file.zip and unzip into USB driver: <http://www.thecus.com/Downloads/BIOS/N89T3806.zip>
4. Plug USB driver into N8900/N8900V/N12000V/N16000V back panel USB2.0 port, and USB keyboard, VGA or HDMI to monitor.
5. Power up N8900/N8900V/N12000V/N16000V & press F2 into BIOS.
6. Configure BIOS boot menu booting from USB driver.
7. Boot from DOS, change to folder "N89_06" (cd n89_06) and type "n89_06.bat" for BIOS update.

Note 5. As Extra NIC is installed to the device, original networking interface will be shifted, move to **Additional LAN** position.

Note 6. Suggest not to install ATTO 10Gb cards with other network cards.

Note 7. Emulex OCe110102-NX **does not** recommend to work with D16000/NAS beta BIOS T40

Note 8. Windows driver have no driver signature, thus need disable Windows driver signing before install driver. Or visit <http://goo.gl/9NlgzX>

Note 9. Thanks above 10G switch supplier arrange sample for compatibility testing.