

N77xx / N88xx / N89xx / N12xxx / N16xxx / W Series/ Top Tower Series

Extra NIC and 10G Switch Compatibility List

Intel 1Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)(PRO)/ N12000V(PRO)/ W8900/W12000 N12850/W12850 N12910/W12910	N12000	N16000	N16000PRO/ N16000V/ W16000/ N16850/W16850 N16910/W16910	N6850/ N8850/ N10850	N7710/N7710-G/ N7770-10G N8810U/N8810U-G N8880-10G	Socket	Port	P/N	Recently Updated
Gigabit Server Adapter	PRO/1000 PT	Compatible			Compatible			Compatible		Compatible(* 5)	RJ45	Single	-	OK 2011/04/12
Gigabit Server Adapter	PRO/1000 PT Dual Port	Compatible	Compatible	Compatible	Compatible			Compatible		Compatible	RJ45	Dual	-	OK 2014/01/28
Gigabit Server Adapter	PRO/1000 PT Quad Port	Compatible	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		Compatible	RJ45	Quad	-	OK 2012/02/03
Gigabit Server Adapter	Gigabit EF Dual Port	Compatible			Compatible			Compatible		Compatible	SFP	Dual	-	OK 2011/04/12
Gigabit Server Adapter	Gigabit ET Quad Port	Compatible			Compatible			Compatible		Compatible	RJ45	Quad	-	OK 2011/04/12

Emulex 10Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)(PRO)/ N12000V(PRO)/ W8900/W12000 N12850/W12850 N12910/W12910	N12000	N16000	N16000PRO/ N16000V/ W16000/ N16850/W16850 N16910/W16910	N6850/ N8850/ N10850	N7710/N7710-G/ N7770-10G N8810U/N8810U-G N8880-10G	Socket	Port	P/N	Recently Updated
OneConnect Network Adapters	Oce10102-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 N12850/W12850 N12910/W12910	N12000	N16000	N16000PRO/ N16000V/ W16000/ N16850/W16850 N16910/W16910	N6850/ N8850/ N10850	N7710/N7710-G/ N7770-10G N8810U/N8810U-G N8880-10G	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	Compatible	Compatible	GBIC included	Single	E10G41BFSR	OK 2010/06/24
Ethernet Server Adapter X520	X520-SR2	Compatible	Compatible	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	Compatible	SFP+	Dual	E10G42BTDA	OK 2014/07/11
CX4 Server Adapter	CX4	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2014/01/28
Ethernet Server Adapter X540	X540-T2 (2 port low profile)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Dual	-	OK 2014/01/28
Ethernet Server Adapter X540	Caswell NIC-53020 (low pro.)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Dual	-	OK 2016/04/18
Ethernet Server Adapter X540	Caswell NIC-53040 (full h.)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Quad	-	OK 2016/04/18
Ethernet Server Adapter XL710	Caswell NIC-54040 (full h.)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Quad	-	OK 2016/04/18
Ethernet Server Adapter X520	Caswell NIC-54020	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2017/02/06

ATTO 10Gb														
Series	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)(PRO)/ N12000V(PRO)/ W8900/W12000 N12850/W12850 N12910/W12910	N12000	N16000	N16000PRO/ N16000V/ W16000/ N16850/W16850 N16910/W16910	N6850/ N8850/ N10850	N7710/N7710-G/ N7770-10G N8810U/N8810U-G N8880-10G	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(*8)/ W12000(*8) N12850/W12850 N12910/W12910	N12000	N16000	N16000PRO/ N16000V/ W16000(*8)/ W16000/ N16850/W16850 N16910/W16910	N6850/ N8850/ N10850	N7710/N7710-G/ N7770-10G N8810U/N8810U-G N8880-10G	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
Ethernet Server Adapter X520	C10G1599F2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	SFP+	Dual	-	OK 2017/02/06
Ethernet Server Adapter X540	C10G1540T2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45	Dual	-	OK 2017/02/06

10G Switch														
Brand*9	Model	N7700PRO/N7700Plus N8800PRO/N8800Plus	N7700PROv2	N8800PROv2	N8900(V)(PRO)/ N12000V(PRO)/ W8900/W12000 N12850/W12850 N12910/W12910	N12000	N16000	N16000PRO/ N16000V/ W16000/ N16850/W16850 N16910/W16910	N6850/ N8850/ N10850	N7710/N7710-G/ N7770-10G N8810U/N8810U-G N8880-10G	Socket	Port	P/N	Recently Updated
Allied Telesis	AT-x510-28GTX	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45 /1GFSF / 10GSFF	24 / 0 / 4	LINK	OK 2014/04/01
Dlink	DGS-3420-28TC	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	RJ45 /1GFSF / 10GSFF	20 / 4 / 4	LINK	OK 2014/04/01
Netgear	PROSAFE XS712T	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	10G RJ45 / 10G BASE-	12 / 2	LINK	OK 2014/04/01

- Note 1. X520-DA2 needs Intel SFP+ SR Fiber Optical module (Intel P/N: E10GFSFSR). Reference URL: <http://www.intel.com/support/network/adapter/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. Thecus 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 SATA5 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 OCE10102-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/9NjgZx>
- Note 9. Thanks above 10G switch supplier arrange sample for compatibility testing.