

# **NetCache® C630 Appliance System Configuration**

---

## ***NetCache C630 Appliance System Memory***

---

The C630 appliance comes loaded with 512 MB of memory.

---

Last updated: January 16, 2002

## ***NetCache C630 Appliance NVRAM Memory***

---

The C630 appliance comes standard with 8 MB of NVRAM on the NVRAM II adapter in slot 9.

The C630 appliance NVRAM II adapter and SIMMs are compatible with the adapter and SIMMs for the F700/C700 series.

---

Last updated: January 16, 2002

## NetCache C630 Appliance SCSI Port Assignments

---

The following table provides the number of SCSI ports for disk drive devices that you can attach to the C630 appliance.

<b>Device</b>	<b>C630 SCSI port<sup>1</sup></b>	<b>Notes</b>
Shelves 1 and 2	8a	Slot 8 is a standard 2-port fast/wide/differential SCSI that supports up to 4 disk shelves (PN: X2019A; required for support of up to 26 disk drives).
Shelves 3 and 4	8b	
Shelves 5 and 6	7a	Slot 7 is available for an optional 2-port fast/wide/differential SCSI (PN: X2019B; required for support of more than 26 disk drives).
Shelves 7 and 8	7b	

<sup>1</sup> Each SCSI port on the NetApp C630 appliance supports dual disk shelves that are connected to each other in a daisy chain. The first disk shelf in the chain is attached to the appliance SCSI port.

---

## NetCache C630 Appliance StorageShelf Support

The following table shows the supported types of disk storage shelves on the C630 appliance.

<b>StorageShelf</b>	<b>Disk drives</b>	<b>Standard power supply/optional RPS</b>	<b>Notes</b>
<b>StorageShelf 2</b>	<b>9-GB UltraSCSI (PN: X219)</b> <ul style="list-style-type: none"><li>• Maximum of 13 per shelf</li><li>• Maximum of 26 drives per C630 (2 shelf pairs x 13 9-GB disks = 234 GB total per C630)</li><li>• Uses standard 2-port fast/wide differential SCSI adapter in expansion slot 8 (PN: X2016). Each port supports a pair of disk shelves.</li></ul>	1/1 (110V-PN: X603 220V-PN: X604)  Maximum of two power supplies per shelf.	Maximum of 4 StorageShelf 2 shelves (2 pairs), which are available in the following configurations:  <b>110V model:</b> 6x9-GB drives (PN: X642) 13x9-GB drives (PN: X643) Empty (PN: X617)  <b>220V model (2i):</b> 6x9-GB drives (PN: X648) 13x9-GB drives (PN: X649) Empty (PN: X645)

The first StorageShelf 2 disk shelf in a C630 shelf pair must be configured with a differential-to-single-ended SCSI converter.

## ***NetCache C630 Appliance Storage Capacity Limits***

---

The maximum storage capacity of your C630 is 234 GB.

---

Last updated: January 16, 2002

## NetCache C630 Appliance Expansion Slot Assignments

### C630 Appliance Expansion Slot Assignment

The C630 appliance has nine expansion slots and supports up to five network adapters. The following table lists the types of expansion adapters, part numbers, maximum number of each type of expansion adapter that you can install in the appliance, and slots in which you can install the adapters.

**Note:** The first nine adapters listed in the table are the types of network adapters supported. Part numbers followed by an asterisk (\*) are available by RMA only.

Expansion adapter	PN.	Maximum number of adapters	Expansion slot											
			1	2	3	4	5	6	7	8	9	10		
Single-port 10Base-T/100Base-T	X1001*1	5	X	X	X	X	Reserved for future use						X	
Single-port 10Base-T/100Base-T	X1001B <sup>1</sup>	5	X	X	X	X								X
Quad-port 10Base-T/100Base-T <sup>2</sup>	X1012*1	4	X	X	X	X								
Quad-port 10Base-T/100Base-T <sup>2</sup>	X1012B <sup>1</sup>	4	X	X	X	X								
FDDI-fiber, dual-attached	X1101	5	X	X	X	X								X
FDDI-TP, single-attached	X1102	5	X	X	X	X								X

FDDI-fiber, single- attached	X1105	5	X	X	X	X						X
SCSI 1 for disks	X2019A	1								X		
SCSI 2 for disks	X2019B	1						X				
NVRAM II	X3251	1									X	

<sup>1</sup> Requires NetCache 3.2.1 or later and the Firmware 1.11\_a1 upgrade from the NetApp NOW site.

<sup>2</sup> You cannot install the Quad-port 10Base-T/100Base-T Ethernet adapter in slot 10.

---

Last updated: February 9, 2005