AccessionIndex: TCD-SCSS-T.20241031.004
Accession Date: 31-Oct-2024
Accession By: Dr.Brian Coghlan
Object name: 3Com 3C16794 10/100 Mbps Ethernet switch
Vintage: c.2000
Synopsis: Dual-speed 8-port networking switch, S/N: 0500/LW2G3A0310010.

Description:
This item is a good example of simple 10/100 Mbps Ethernet switches available in the period when it was first introduced by 3Com Corporation in c.2000.

The eight auto-sensing ports accepted 10BASE-T or 100BASE-TX cabling. A switch at the rear allowed port 8 to be configured as a normal port or an uplink.

The switch could utilise a 10-30V DC 1A power supply, but was supplied with a 12V 1A power supply.

See the datasheet and installation guide in the related folder of this catalog.

3Com Corporation was founded by Robert M. Metcalfe (who with David Boggs created the experimental 3Mbps Ethernet at Xerox PARC in 1973). It was founded as a consulting firm for computer network technology in 1979, but then shipped its first product in 1981. After acquisition on the 12th April, 2010, 3Com was absorbed by Hewlett-Packard.

Thanks to Dr.Brian Coghlan for donating this item.

The homepage for this catalog is at: https://www.scss.tcd.ie/SCSSTreasuresCatalog/
Click *'Accession Index'* (1st column listed) for related folder, or *'About'* for further guidance.
Some of the items below may be more properly part of other categories of this catalog,
but are listed here for convenience.

Accession Index	Object with Identification
TCD-SCSS-T.20241031.004.001	3Com 3C16794 10/100 Mbps Ethernet switch. Dual-speed 8-port networking switch, S/N: 0500/LW2G3A0310010. c.2000.
TCD-SCSS-T.20241031.004.002	3Com 3C16741A 12V 1A power supply for 3Com 3C16794 Ethernet switch. P/N: 7900-000-070. c.2000.
TCD-SCSS-T.20160323.001	Networking and the Internet. Networking hardware and the arrival of the Internet in Ireland. c.1991.
TCD-SCSS-T.20121208.088	Sun Pre-production SUN-1 Workstation missing items. Missing 2 x 3Mbps Ethernet boards, 3 x graphics boards, 3 x Multibus card cages, 3 x Power supply units. c.1982.
TCD-SCSS-T.20141212.001	Sun Pre-production SUN-1 Workstations. Seminal workstation developed by Stanford University, with first-generation 3Mbps Ethernet. c.1982.
TCD-SCSS-T.20140904.001	Synoptics Lattisnet 3030 Concentrator. Concentrator for 10Mbps 'thinwire' coaxial Ethernet. S/N: ???. c.198x.
TCD-SCSS-T.20140904.002	LAN Technologies 800. Switch for 10Mbps 'thinwire' coaxial Ethernet. S/N: ???. c.198x.
TCD-SCSS-T.20140904.003	DEC DEMPR-AB Thinwire Ethernet Multiport Repeater. Repeater for 10Mbps 'thinwire' coaxial Ethernet. S/N: AS83927224. c.198x.
TCD-SCSS-T.20141120.008	DEC DELQA Qbus 10Mbps Ethernet Controller. DEC DELQA half-width Qbus 10Mbps Ethernet controller board. Marked: 50-17646-01. c.1984.
TCD-SCSS-T.20121208.103	Cambridge Ring Nodes. A prime alternative to 3Mbps Ethernet in the early 1980s. c.198x.

References:

1. Wikipedia, *3Com*, see:
   https://en.wikipedia.org/wiki/3Com
   Last browsed to on 31-Oct-2024.

Figure 1: 3Com 3C16794 three-quarter view.
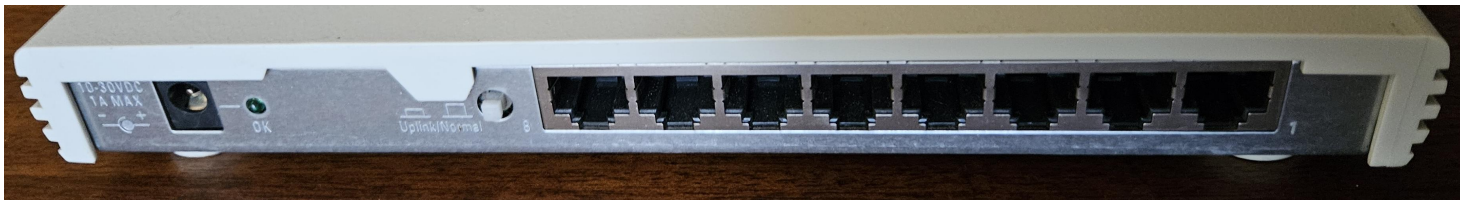

Figure 2: 3Com 3C16794 front view.

Figure 3: 3Com 3C16794 rear view.

3Com OfficeConnect 8 port Dual Speed Switch
Tested to comply with FCC standards
For Home or Office use

This device complies with part 15 of the FCC rules.operation is subject to the following two conditions :(1) This device may not cause harmful interference.(2) This device must accept any interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

TÜV Rheinland Product Safety — GS geprüfte Sicherheit — VCI — C UL US — E141136 LISTED ITE 66F9

N151 — NOM — NYCE — PCT ME06 — CE

MADE TO COMPLY WITH IEEE 802.3 ISO/DIS 8802/3

MAIN ASSEMBLY 1679-410-000-5.00 CM-1

SERIAL NUMBER — 0500/LW2G3A0310010 — 3C16794

AC — MADE IN CHINA

Figure 4: 3Com 3C16794 bottom view.

Figure 5: 3Com 3C16741A 12V 1A power supply.