



NCT-1000 (Mini) - up to 288 ports



NCT-1020 (Micro) - up to 72 ports

NetComm's NCT-1000 (Mini) and NCT-1020 (Micro) IP DSLAMs are designed for delivering high speed Internet services for large buildings with multiple dwellings - such as multi-level hotels/motels, serviced apartments, high-rise tenancy units, student accommodation buildings, retirement villages and more. Installed in the basement or comms room, it has the ability to deliver triple play services (high speed Internet, Voice over IP and Video on Demand) using the building's existing telephone lines.

For building managers, this technology represents not only a great drawcard to attract guests/tenants but is also a highly profitable source of revenue.

By using Digital Subscriber Line (DSL) technology, the NCT-1000 or NCT-1020 provides a cost-effective and scalable infrastructure to meet the requirements of a wide range of building tenants. A unit starts at 24 ports and can be expanded up to 72 ports (for the NCT-1020) and up to 288 ports (for the NCT-1000).

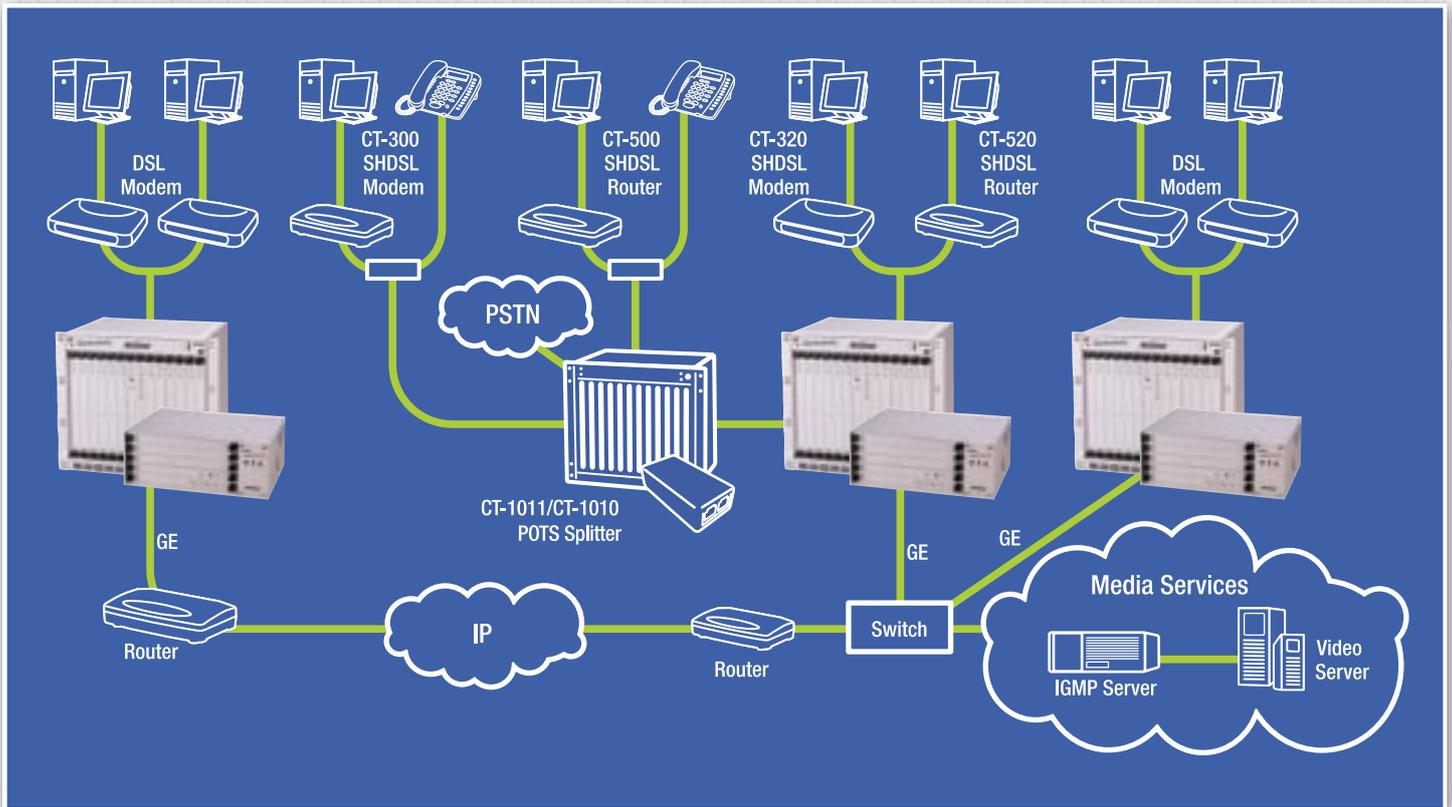
Both units can also support ADSL or SHDSL cards in the same chassis.

NetComm can provide the total packaged solution for a complete building fit-out including DSLAM chassis, ADSL cards, management cards and modem equipment for each room/residence.

- ⤵ Fast Ethernet (10/100 Mbps) and Gigabit Ethernet WAN interfaces (for copper telephone and optical fibre cables)
- ⤵ 802.1d Spanning Tree Algorithm
- ⤵ 802.1p Priority Queuing (2 priority queues) for QoS
- ⤵ 802.1q Tagged VLAN
- ⤵ 802.3ad Link Aggregation to provide load sharing and fail over protection
- ⤵ Broadcast storm control
- ⤵ Suitable for MTU/MDU/MHU applications, and for co-location application in the central office
- ⤵ Shelf extension via an Ethernet interface
- ⤵ MAC filtering (up to 5 MAC addresses) & IP filtering (up to 5 IP addresses) for security
- ⤵ IGMP snooping for multicast services
- ⤵ PPPoE & Web authentication pass-through
- ⤵ 802.1x and RADIUS client
- ⤵ Remote configuration backup/restoration and firmware upgrade
- ⤵ Local management via the console port
- ⤵ Supports Web-based, SNMP and Telnet for network management
- ⤵ POTS Splitter shelf for voice service is available
- ⤵ Compatible ADSL and SHDSL modems/routers are available

NetComm IP DSLAM's

NCT-1000 (Mini) & NCT-1020 (Micro)



TECHNICAL SPECIFICATIONS

WAN INTERFACE

- 10/100 Base-T/TX 2 fixed ports, RJ-45 connector, auto MDIX
- 10/100/1000 Base-T 1 ~ 2 optional ports, RJ-45 connector, auto MDIX
- 1000 Base-SX 1 ~ 2 optional ports, SC connector
- 1000 Base-LX 1 ~ 2 optional ports, SC connector

CHASSIS

- NCT-1000 10U high chassis with 14 slots: 1 management, 1 ethernet switch, and 12 DSL cards
- NCT-1020 4U high chassis with 5 slots: 1 management, 1 ethernet switch, and 3 DSL cards

CARD TYPE

- AMCU Management card
- AES-G Ethernet switch card with 2 optional GE uplink modules
- AAT24A ADSL 24-port card (ITU-T G.992.1), up to 11/1Mbps for Downstream/Upstream
- ASTU SHDSL 8-port card (ITU-T G.991.2), up to 2.3Mbps for Symmetric
- AST24B SHDSL 24-port card *

STANDARDS

- IEEE 802.1d Spanning Tree Algorithm
- IEEE 802.1p Priority Queuing
- IEEE 802.1q Tagged VLAN
- IEEE 802.1x Port Authentication
- IEEE 802.3 10 Base-T
- IEEE 802.3ab 1000 Base-T
- IEEE 802.3ad Link Aggregation
- IEEE 802.3u 100 Base-TX
- IEEE 802.3x Flow control
- IEEE 802.3z 1000 Base-SX, 1000 Base-LX

SYSTEM

- Mountable for 19" rack Switching fabric of 4.4Gbps with forwarding rate of 6.5M packet/sec
- Learns up to 10K unicast / 256 multicast MAC addresses
- 600 active VLANs

MANAGEMENT

CLI, Web-based, Telnet, SNMP MIB II (RFC 1213), RMON (groups 1, 2, 3, and 9), and NetComm NCT-NM Plus EMS

INPUT POWER

- DC -42V to -56V; AC 100V to 240V (optional)

DIMENSIONS

- NCT-1000 436.8mm (W) x 440mm (H) x 310mm (D)
- NCT-1020 436.8mm (W) x 171mm (H) x 310mm (D)

ENVIRONMENTAL REQUIREMENTS

- Operating Temperature 0 ~ 50 degrees Celsius
- Relative Humidity 5 ~ 90% (non-condensing)

POTS SPLITTER

- NCT-1011 7U high chassis with 14 slots for 24-port card
- NCT-1010 1U high box with 24 ports

NOTES

1. Specifications are subject to change without notice
- * Please check with your NetComm representative for availability

Your NetComm dealer:

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