

MODEL 1000

Universal Chassis System

The EdgeAccess® Universal Chassis System (UCS) is a carrier-class system accommodating a mix of Fiber Optic Modems, LAN Extension, CWDM Multiplexers and Transponders, and Intelligent Media Converters. This allows Service Providers to offer cost-effective multiple fiber optic based services up to 2.5 Gigabit, from a common managed platform. Leveraging CWDM technologies, the UCS 1000 platform supports multiple low speed and/or high-speed services of varying protocols and format on a single fiber pair. Hot-swappable managed modules provide a variety of interface options, flexibility in service offerings, ease of troubleshooting, and reduced cost of ownership.

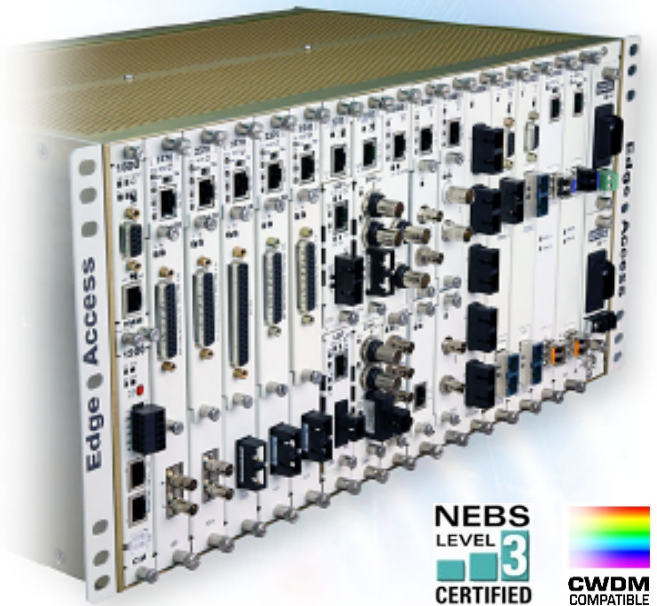
The UCS Model 1000 Chassis is the gateway to the management functions of Canoga Perkins' rackmount product lines. The chassis accommodates up to 15 hot-swappable communications technology modules, redundant power supplies, and systems management cards.

Eight UCS1000 and UCS1002 chassis link together, under the control of a single management card, creating a domain of up to 480 managed local and remote modules. The chassis backplane provides a common interface to the management alarm and power buses for all modules, allowing redundancy and interchangeability. Form C Relays on the Chassis Interconnect Module (CIM) provide contact closure for Major and minor alarms from any module in the chassis for alarm panels and other alarm integration devices and systems.



World Headquarters

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FEATURES:

- **Fully Modular Carrier Class Chassis System**
- **Fault Tolerant and Redundant**
- **Cost-Effective Entry Price**
- **Extensive Modularity for Flexibility**
- **Up to 30 Hot-swappable Modules of Mixed Technology Per Chassis**
- **Up to 8 UCS1000 and UCS1002 Chassis Managed by a Single Management Module and IP Address**
- **Dual AC, Dual DC, or AC/DC Power Supply Combinations**
- **Adjustable Rack Mounting Options With Three Positions**
- **SNMP Management Interface**
- **Menu Driven Telnet and Craft Port Management Interfaces**
- **Full Configuration Management**
- **NEBS Level 3 Tested and Certified**

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Specifications

- **PHYSICAL**

Dimensions	
Chassis	8.75"H x 19"W x 11.75"D (222mm x 482mm x 298mm)
CIM	5.0" H x 0.9" W x 10.4" D (127mm x 23mm x 264mm)
DMM	3.75"H x 0.9"W x 10.4"D (95mm x 23mm x 264mm)
Weight	
Chassis	12 lbs (5.5kg)
CIM	9 oz (0.25kg)
DMM	7 oz (0.2kg)

- **OPERATING ENVIRONMENT**

0° to +50°C (32° to 122° F)
with Fan Tray
5% to 90% RH (non-condensing)

- **POWER**

AC Power Supply
100-240 VAC, 50/60 Hz
Auto Ranging, 250W Max.
DC Power Supply
36 VDC to 58 VDC, 200W Max.

- **MANAGEMENT**

SNMPv1, SNMPv2c and SNMPv3, In-band
Serial EIA-232-E Direct Terminal
CanogaView Smart Element Manager
Telnet, PPP

- **FRONT PANEL SWITCHES**

Chassis Interconnect module (CIM)
ALM ACK Alarm Relay Reset

Domain Management Module (DMM)
RESET DMM Reset/Restart
MDM/TRM DCE – DTE Operation
MDX/MDI Ethernet Port Crossover

- **DIAGNOSTIC LEDs**

Chassis Interconnect Module (CIM)
STA System Status
MAJ Major Alarm Status
MIN Minor Alarm Status
CLK System Clock Status

Domain Management Module (DMM)
STA System Status
ACT Management Activity
LNK Ethernet Management Port Status

- **CONNECTORS**

Chassis Interconnect Module (CIM)
Alarm Relays (Normally Open)
6 Pin
Chassis Interconnection Link
RJ-45 - 8 Pin (Proprietary Signals/Pinout)
Fan Tray
4 Pin - Power & Management

Domain Management Module (DMM)
EIA-232 DE-9 Terminal/Modem
10BASE-T Ethernet Management Port

- **REGULATORY COMPLIANCE**

ETL, ETLc (UL 60950 CAN/CSA C.22 No. 60950,
EN/IEC 60950)
IEC 60825-1
FCC Part 15B/ICES-003/VCCI Class A
C-Tick (AS/NZS 3548)
EN 55022 Class A,
EN55024
EN 61000-3-2, EN 61000-3-3
EN 55024
NEBS Level 3

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