Anue 5236 Net Tool Optimizer™ Specifications

Enterprise-Class Network Monitoring Switch for the Dynamic Data Center

Product Specifications

■ OVERVIEW

The Anue 5236 Net Tool Optimizer™ (NTO), a network monitoring switch, is suitable for 10G, fiber-based networks. The enterprise-class solution provides up to 24 SFP/SFP+ Ethernet ports. The 5236 NTO aggregates, replicates and filters network traffic using the industry's most advanced, easy to use, drag-and-drop control panel.

The Anue 5236 network monitoring switch uses an intuitive drag-and-drop interface that allows complete configuration of the system. Software updates and licensing are performed quickly and efficiently through the same industry leading control panel.

The Anue 5236 NTO is available in a 10G version or a 1G fiber optic version. The 1G version can be upgraded in the field to the 10G version at a later date. The Anue 5236 NTO includes two module slots to allow the addition of up to four additional 10G ports using the Anue 5200 Series expansion modules. Modules are available to support CX4, XFP, and SFP+ interfaces. An available remote power supply offers a redundant power source for high-availability configurations.

■ PERFORMANCE

- 10M to 10G Ethernet support
- Non-blocking architecture; 244Gbps total bandwidth
- Full line rate across all ports with filtering enabled
- Port reconfiguration with no performance impact

■ PORT FLEXIBILITY

- Up to 28 ports available
- Ports 1-20: 1G (SFP) or 10G (SFP+)
- Ports 21-24: Up to 1G copper
- Modular Ports 1-4: 1G SFP+, 10G CX-4, 10G XFP or 10G SFP+
- Ingress/Egress port programmability
- Software port licensing
- Flexible Port Interconnections with additional Anue 5200 series products

■ MANAGEMENT

- SNMP v1, v2, v3 support
- TACACS+ support (members and groups)
- Granular access control features
- Event logging
- Syslog
- IT Automation control
- IP based management port (RJ45 – 10/100/1000)

■ FILTERING

- Centralized filter templates
- Overlapping Filter Engine
- Filter parameters (Layer 2-4)
  - MAC Source/Dest addresses
  - VLAN and Ethertypes
  - IP protocol and DSCP/TOS
  - Source/Dest IP (IPv4/IPv6)
  - UDP, TCP Ports

TM

© 2002-2012 Anue Systems Inc.
Anue Systems 5236DS 0112

Physical Specification

■ SIZE AND WEIGHT

- 1U high 19” rack mountable enclosure
- Dimensions: 17.5W x 19L x 1.75H (inches)
- Weight: 15.5lb (7 kg)

■ POWER AC

- Input AC Voltage: 90-240 VAC RMS auto-switching
- Frequency: 50-60Hz
- Nominal power requirement: 1.27A @ 110 VAC, 140W
- Maximum power requirement: 3.2A @ 110 VAC, 353W
- Heat/Power Dissipation: nominally 140Watts / 478 BTU/hour

■ POWER DC

- Input DC Voltage: 12V DC
- Nominal power requirement: 10A @ 12 VDC, 120W
- Maximum power requirement: 25A @ 12 VDC, 300W

Operating Specifications

■ ENVIRONMENTAL

- Operating temp: 0 to 30 °C
- Operating humidity: 10 to 85%, noncondensing
- Fans: Automatic temperature-controlled DC fans (right to left airflow)

Regulatory/Safety

North American Safety

UL 60950-1, 2nd Edition
CSA C22.2 No. 60950-1, 2nd Edition

EMI/EMC

North American EMC

FCC part 15, Class A (USA)
ICES-003 Issue 4, Class A (Canada)

European EMC

EN55022 2003 Class A (Emissions)
EN55024 1998 w/A2 (Immunity)
EN61000-3-2:2006 (Harmonics)
EN61000-3-3 1995 w/A2 (Flicker)

IEC/International EMC

IEC/EN 61000-4-2:2001 Electrostatic Discharge Immunity
IEC/EN 61000-4-3:2002 Radiated Immunity
IEC/EN 61000-4-4:2001 Transient/Burst Immunity
EN61000-3-3 1995 w/A2 (Flicker)
IEC/EN 61000-4-5:2001 Surge Immunity
IEC/EN 61000-4-6:2001 Conducted Radio Frequency Immunity
IEC/EN 61000-4-11:2004 Voltage Dips, Interruptions and Variations

Included Accessories

- AC power cord
- USB flash drive with activation license key
- Rack Mount Kit

TM

© 2002-2012 Anue Systems Inc.
Anue Systems 5236DS 0112

ORDERING INFORMATION	
COMPLETE SYSTEMS	
SYS-5236-STD	Base system with four 1G SFP and one 10G SFP+ ports enabled
SYS-5236-ONE	Base system with five 1G SFP ports enabled
SYS-5236-TEN	Base system with five 10G SFP+ ports enabled
SYS-5236-ALL	Base system with all ports enabled: 20 1G/10G SFP/SFP+ ports, four 10/100/1000 RJ-45 ports and two SFP/SFP+ modules
SYS-5236-AFM	Base system with all ports enabled: 20 1G/10G SFP/SFP+ ports, four 10/100/1000 RJ-45 ports and four 1G/10G SFP/SFP+ AFM ports
SYS-5236-SPARE	Cold spare system with no ports enabled
SYS-5236-GIG	1G base system with five 1G SFP ports enabled
SYS-5236-GIG-SPARE	Cold spare system with no ports enabled.
1 GIG COPPER LICENSES	
LIC-P5200-G1C	1G Copper, RJ-45 Port – 10/100/1000 Base-T, quantity One
LIC-P5200-G4C	1G Copper, RJ-45 Ports – 10/100/1000 Base-T, quantity Four
1 GIG OPTICAL LICENSES	
LIC-P5200-G1D	1G SFP Port – quantity One (transceiver not included)
LIC-P5200-G4D	1G SFP Ports – quantity Four (transceiver not included)
LIC-P5200-G8D	1G SFP Ports – quantity Eight (transceiver not included)
LIC-P5200-G15D	1G SFP Ports – quantity Fifteen (transceiver not included)
10 GIG OPTICAL LICENSES	
LIC-P5200-X1D	10G SFP+ Port – quantity One (transceiver not included)
LIC-P5200-X4D	10G SFP+ Ports – quantity Four (transceiver not included)
LIC-P5200-X8D	10G SFP+ Ports – quantity Eight (transceiver not included)
LIC-P5200-X15D	10G SFP+ Ports – quantity Fifteen (transceiver not included)
1G TO 10G UPGRADE LICENSE	
LIC-P5200-X1D-UP	Upgrade 1G SFP port to 10G/1G SFP+ port - quantity One (transceiver not included)

Contact Information:

Anue Systems Inc.
8310 N. Capital of Texas Highway
Building 2, Suite 300
Austin, TX 78731
www.anuesystems.com

Email: sales@anuesystems.com
Toll Free: (877) 268-3269
U.S.: (512) 600-7171
EMEA: +44 (0) 1189 076 204
APAC: +852-2824-8850

© 2002-2012 Anue Systems Inc.
Anue Systems 5236DS 0112