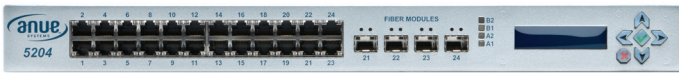




Anue 5204 Net Tool Optimizer™

Small Enterprise Network Monitoring Switch



Product Specifications

■ OVERVIEW

The Anue 5204 Net Tool Optimizer™ (NTO) is an entry-level, cost effective solution for networks that predominately require 1G visibility for network monitoring tools. It is ideal in the lower speed portions of the network, such as the access layers, or where a large number of 1G monitoring tools need network visibility. The Anue 5204 NTO aggregates data from multiple visibility points in a network and ensures the delivery of critical network traffic to the essential monitoring tools.

The Anue 5204 NTO uses an intuitive drag-and-drop control panel 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 5204 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
- 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: Up to 1G copper (RJ45)
- Ports 21-24: Up to 1G copper (RJ45) or 1G fiber (SFP)
- Modular Ports 1-4: Up to 10G fiber
- Ingress/Egress port programmability
- Software port licensing
- Flexible Port Interconnections with additional Anue 5200 series product

■ 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)
 - VLAN and Ethertypes
 - MAC Source/Dest addresses
 - IP protocol and DSCP/TOS
 - Source/Dest IP (IPv4)
 - UDP, TCP Ports





Physical Specification

■ SIZE AND WEIGHT

- 1U high 19" rack mountable enclosure
- Dimensions: 17.3W x 12L x 1.75H (inches)
- Weight: 12.6lb (5.7 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: 2.67A @ 110 VAC, 294W
- Heat/Power Dissipation: nominally 140Watts / 478 BTU/hour

■ POWER DC

- Input DC Voltage: 12 V DC
- Nominal power requirement: 10A @ 12 VDC, 120W
- Maximum power requirement: 21A @ 12 VDC, 250W

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)

■ SHOCK AND VIBRATION

- ETSI 300 019

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 2006 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 61000-4-11:2001 Voltage Dips, Interruptions and Variations

Included Accessories

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





ORDERING INFORMATION

■ COMPLETE SYSTEMS

SYS-5204-FIB	Anue 5204 Net Tool Optimizer – base system with four 1G dual media and one 1G copper RJ-45 ports enabled (5x1G total)
SYS-5204-COP	Anue 5204 Net Tool Optimizer – base system with five 1G copper RJ-45 ports enabled (5x1G)
SYS-5204-TEN	Anue 5204 Net Tool Optimizer – base system with four 1G dual media, four 1G copper RJ-45, and two 10G SFP+ ports enabled (8x1G & 2x10G)
SYS-5204-ALL	Anue 5204 Net Tool Optimizer – base system with all ports enabled: 20 RJ-45 10/100/1000 ports, four dual media ports (RJ-45 or SFP), and 4 10G SFP+ ports
SYS-5204-SPARE	Anue 5204 Spare Net Tool Optimizer – cold spare system with no ports enabled. Includes short-term license to be installed to activate unit when required.

■ 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
LIC-P5200-G8C	1G Copper, RJ-45 Ports – 10/100/1000 Base-T, quantity Eight
LIC-P5200-G15C	1G Copper, RJ-45 Ports – 10/100/1000 Base-T, quantity Fifteen

■ 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)

■ 10G MODULE CARDS (IN BACK OF UNIT)

MOD-P5200-X2C	10G Copper CX4 Ethernet Ports - quantity two. 10m distance. Transceivers integrated with port.
MOD-P5200-X2O-X	10G Optical XFP Ethernet Ports - quantity two. Ports can be set as XFP-SR, and XFP-LR with transceivers
MOD-P5200-X2D-PLUS	1G/10G SFP/SFP+ Ethernet Ports - quantity two. Ports can be used with SFP or SFP+ transceivers

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