



Setting up a medium-size network is never a trivial task, but the FriendlyNET GX5-448W can simplify your job by supporting 52 network devices in one sleek switch. No extra cable or configuration is required.

### High-Density Connectivity

When your organization is growing, it's easy to out-grow a typical 24-port Fast Ethernet switch. Before long, all those new computers, printers, scanners and servers begin to overwhelm any network. Make the 52-port GX5-448W the cornerstone for your LAN.

### Smart Connectivity

Like other Asante FriendlyNET GX5-W switches, the GX5-448W is plug-and-play; no configuration is required for basic connections. When you need to access advanced features, you won't be forced to use a cryptic command line interface. Instead, reach for your web browser and let the switch's on-board CPU guide you through your installation and troubleshooting.

| Highlights         | FriendlyNET<br>GX5-448W | Basic 24/48-Port<br>Switches |
|--------------------|-------------------------|------------------------------|
| Gigabit Ports      | 4                       | 1-2                          |
| 10/100 Ports       | 48                      | 24 or 48                     |
| Plug-and-Play      | Yes                     | Yes                          |
| Configure via Web  | Yes                     | No                           |
| Quality of Service | Yes                     | No                           |
| Trunking           | Yes                     | No                           |

### Advanced Features

The GX5 is powerful enough to handle the needs of a growing organization.

- **WebManaged.** All features are accessible from an easy-to-use interface. No cryptic command line commands or third-party network management applications required
- **Trunking.** Allows you to create “fat-pipes” between switches (up to 4000 Mbits) for high-performance networking solutions
- **Quality of Service (QoS).** Efficiently control network resources by classifying traffic and prioritizing flows

## SPECIFICATIONS

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### Ports

|                   |  |
|-------------------|--|
| Fast Ethernet:    | 48 x 10/100BaseTX Fast Ethernet ports with Auto-Uplink: RJ-45 shielded connectors  |
| Gigabit Ethernet: | 2 x 10/100/1000BaseT Gigabit Ethernet ports with Auto-Uplink: RJ-45 shielded connectors<br>2 x 1000BaseX Gigabit Ethernet ports: SFP Mini-GBIC |
| Expansion:        | Uplink using Gigabit Ethernet ports. Selectable trunking for 4000 Mbps aggregate bandwidth   |

### Status Indicators

|                       |  |
|-----------------------|--|
| Power:                | System is on (green)   |
| CPU:                  | System is functioning properly (green)                             |
| Per 10/100 Port:      | Link (solid)/activity (blink) and 100 Mbps                         |
| Per 10/100/1000 Port: | Link (solid)/activity (blink), 100 Mbps (yellow)/1000 Mbps (green) |
| Per SFP Port:         | Link (solid)/activity (blink)                                      |

### Performance

|                       |   |
|-----------------------|---|
| Efficiency:           | Gigabit switching (1,488,000 pps) and Fast Ethernet switching (148,800 pps) |
| Switch Architecture:  | 33.6 Gbps aggregate; 6-chip set (5.6 Gbps each) with 2 Gbps ring            |
| Flow Control:         | IEEE 802.3x flow control (full duplex) and back pressure (half-duplex)      |
| Forwarding MAC Table: | Up to 24,000 unicast addresses with automatic learning and aging            |
| Packet Buffer:        | 1536 KB   |

### Web Management

|                      |  |
|----------------------|--|
| System Requirements: | Internet Explorer 5, Netscape 6, Apple Safari 1 and later. Windows 98/Me/2000/NT/XP and Mac OS X. Screen resolution 1024 x 768 or higher |
| Operation:           | Configuration and management under no load   |
| Settings:            | Port (speed, flow control, QoS), trunk, mirror, statistics, system, trap settings, backup, reset   |

### GX5W Management Utility

|                      |   |
|----------------------|---|
| System Requirements: | Windows 98/Me/NT or XP  |
| Settings:            | Discovery, traps, Gigabit port events, upgrade firmware, password |

### Physical

|                        |   |
|------------------------|---|
| Dimensions and Weight: | 15.8 x 7.8 x 1.7 inches (440 x 200 x 44mm) and 5.8 lb (2.6 Kg)                |
| Mounting:              | Desktop or rack (rackmount kit included); 1U height                           |
| Operating Conditions:  | 32° to 104° F (0° to 40° C) with 10% to 90% non-condensing, relative humidity |
| Power:                 | Internal universal switching, 100-240 VAC, 50/60 Hz, maximum 24 watts         |

### Standards Compliance

|            |  |
|------------|--|
| Network:   | IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3ab 1000BaseT<br>IEEE 802.3z 1000BaseSX/LX, IEEE 802.3x full duplex flow control |
| Safety:    | CB (IEC 60950)   |
| Emissions: | FCC Class A, CE Mark Class A   |

### Support

|                    |   |
|--------------------|---|
| Technical Support: | 24-hour support via web and ftp. 90-day email and telephone support     |
| Product Warranty:  | 2-year product warranty covers defects in manufacturing and workmanship |

## ORDERING INFORMATION

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| Model Name*          | Description   |
|----------------------|---|
| FriendlyNET GX5-448W | 48 port 10/100, 2 port 1000T, 2 port SFP, smart web configurable switch |

\* For international part numbers, please refer to the Asante price list.



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