ZYXEL

Product Briefing
2018.1.12
ver. 0.5

Product Briefing

**Required*

***Model Name**	GS1200-5 / GS1200-8
***Product Name**	5-Port/8-Port Web Managed Gigabit Switch
***Slogan**	Extensive featured switch for small businesses
***Target Audience**	Users who wants to manage their network devices
***Product Positioning**	Provide web management capability with easy web configuration in office environments
***Product Introduction**	The Zyxel GS1200-5 / GS1200-8 is more than just a typical switch. It comes with an easy-to use Web configuration to prioritize, limit and /or protect network traffics. It has been designed specifically for customers who require simple control functions for office network management. The simple control functions include dividing a network into one /or more smaller groups for security and resource planning. The Zyxel GS1200-5 / GS1200-8's configurable QoS feature also enables better traffic management. DHCP client feature enables dynamic IP address assigned from upper DHCP server for effective network management. In order to achieve greater throughput for high demanding network devices, Zyxel GS1200-5 / GS1200-8 provides flexibility for static link aggregation to aggregate 2 ports in parallel to improve the network performance in office network or aggregation to an upper managed switch. Moreover, port mirroring allows copying packets from one or multiple ports for analyzing, debugging or diagnosing traffics. The Zyxel GS1200-5 / GS1200-8 optimizes media traffic delivery by supporting IGMP Snooping v1/v2 and v3 which is compatible with configurable IGMP router port selection. The Zyxel GS1200-5 / GS1200-8 is firmware-upgradable for

	support, and configuration can be backed up and restored to the system as well. The Zyxel GS1200-5 / GS1200-8 is certified with CE and FCC Class B with more protection against harmful interference in residential grade.
***Key Features**	• Intuitive Web Management • Quality of Service for better traffic control • Multicast IGMP snooping v1/v2 and v3 compatible for streaming applications • Virtual LAN for enhanced network security • Link aggregation increases bandwidth between 2 Ethernet ports • Port mirroring enables monitoring and diagnosing one or multiple ports. • CE/FCC Class B certified for better production against harmful interference
***** Benefits**	**Smart features** The Zyxel GS1200-5 / GS1200-8 Web Managed Gigabit Switch provides simple control for better manageability. Unlike other advanced but complex managed switches, the Zyxel GS1200-5 / GS1200-8 is suitable for most users and provides an affordable solution with fundamental features including VLAN, QoS, IGMP snooping v1/v2 and v3 compatible, link aggregation, and port mirroring. **Easy to configure** The Zyxel GS1200-5 / GS1200-8 does not require any additional software. It is more visualized with the easy, friendly, more intuitive Web GUI that helps configuration tasks to be completed in just simple clicks. It is much easier for small office users' network. **Energy Saving for IEEE 802.3az** The Zyxel GS1200-5 / GS1200-8 built-in IEEE 802.3az Energy Efficient Ethernet (EEE) function automatically detects network traffic and adjusts power consumptions dynamically to reduce

	power consumption during low link utilization periods.
*** Work with Products**	TBD
Logos	ZyXEL green logo
	Feature/green feature/technology logos
	Certification logos
Helper	
***System Specifications**	**Standard Compliance** • IEEE 802.3u 100BASE-TX Ethernet • IEEE 802.3ab 1000BASE-T Ethernet • IEEE 802.3az EEE support • IEEE 802.3x flow control • IEEE 802.3z 1000BASE-X • IEEE 802.1p CoS • Auto MDI/MDI-X • IEEE 802.1Q VLAN tagging **Features** • Web-based management • System password • VLAN (Port supported) - GS1200-5: 5 ports - GS1200-8: 8 ports • Port-based QoS • 802.1p CoS • Broadcast storm control • Loop detection/prevention • DHCP client • Link aggregation - GS1200-5: one LAG (Port 3&4)

<table>
<tr><td></td><td>- GS1200-8: two LAGs (Port 3&4, Port 7&8)
• Port mirroring
• Weighted Round Robin (WRR) priority QoS
• IGMP snooping v1/v2/and v3 compatible
• Supported multicast groups: 128
• Firmware update</td></tr>
<tr><td>*Hardware Specifications</td><td>
<table>
<tr><td>Model</td><td></td><td>GS1200-5</td><td>GS1200-8</td></tr>
<tr><td>Product name</td><td></td><td>5-Port GbE Web Managed Switch</td><td>8-Port GbE Web Managed Switch</td></tr>
<tr><td></td><td></td><td> </td><td> </td></tr>
<tr><td>Port Density</td><td></td><td></td><td></td></tr>
<tr><td>Total port count</td><td></td><td>5</td><td>8</td></tr>
<tr><td>1000BASE-T</td><td></td><td>5</td><td>8</td></tr>
<tr><td>Performance</td><td></td><td></td><td></td></tr>
<tr><td>Switching capacity</td><td></td><td>10 Gbps</td><td>16 Gbps</td></tr>
<tr><td>Packet buffer</td><td></td><td>128 KB</td><td>192 KB</td></tr>
<tr><td>MAC address</td><td></td><td>2K</td><td>4K</td></tr>
<tr><td>Jumbo frame</td><td></td><td>9 KB</td><td>9 KB</td></tr>
<tr><td>LED</td><td></td><td></td><td></td></tr>
<tr><td>Power</td><td></td><td>Yes</td><td>Yes</td></tr>
<tr><td>Per port</td><td></td><td>Yes</td><td>Yes</td></tr>
<tr><td>Power</td><td></td><td></td><td></td></tr>
<tr><td>Input voltage</td><td></td><td>5V DC/1A</td><td>5V DC/1A</td></tr>
<tr><td>Power supply</td><td></td><td>External</td><td>External</td></tr>
<tr><td>Maximum power consumption (watt)</td><td></td><td>2.03</td><td>3.31</td></tr>
<tr><td>Physical Specifications</td><td></td><td></td><td></td></tr>
<tr><td>Item dimensions (WxDxH)</td><td></td><td>121x 75 x 26mm (4.8" x 3.0" x 1.0")</td><td>155x 85 x 26 mm (6.1" x 3.3" x 1.0")</td></tr>
<tr><td>Item weight</td><td></td><td>233g (0.51 lb.)</td><td>325g (0.72 lb.)</td></tr>
<tr><td>Packing dimensions (WxDxH)</td><td></td><td>127 x 82 x 95 mm (5.0" x 3.2" x 3.7")</td><td>161 x 90 x 95 mm (6.3" x 3.5" x3.7")</td></tr>
<tr><td>Packing weight</td><td></td><td>388g (0.86 lb.)</td><td>497g (1.10 lb.)</td></tr>
<tr><td>Environmental Specifications</td><td></td><td></td><td></td></tr>
<tr><td rowspan="2">Operating</td><td>Temperature</td><td>0°C to 40°C/32°F to 104°F</td><td>0°C to 40°C/32°F to 104°F</td></tr>
<tr><td>Humidity</td><td>10% to 90% (non-condensing)</td><td>10% to 90% (non-condensing)</td></tr>
<tr><td rowspan="2">Storage</td><td>Temperature</td><td>-40°C to 70°C/-40°F to 158°F</td><td>-40°C to 70°C/-40°F to 158°F</td></tr>
<tr><td>Humidity</td><td>10% to 90% (non-condensing)</td><td>10% to 90% (non-condensing)</td></tr>
</table>

GS1200-5 GS1200-8
Product briefing_spec
</td></tr>
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GS1200-8: 3.31 watt (Max.)</td></tr>
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GS1200-5: 121x 75 x 26mm (4.8” x 3.0” x 1.0”)
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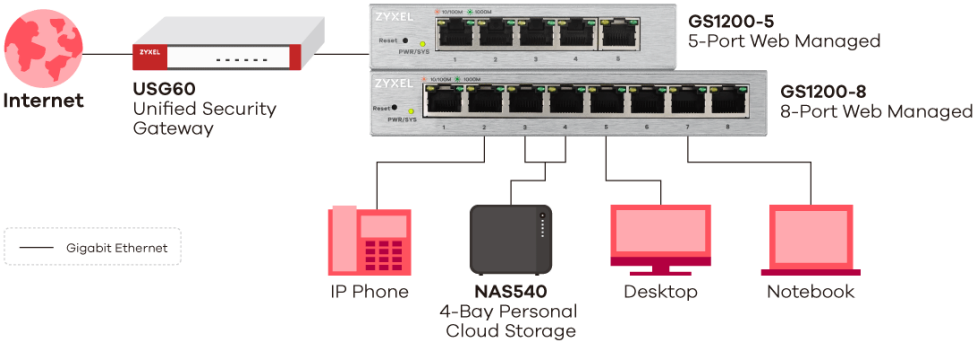
Weight (g)
GS1200-5: 233g (0.51 lb.)
GS1200-8: 325g (0.72 lb.)</td></tr>
<tr><td>*Environmental Specifications</td><td>Operating Environment
• Temperature: 0°C to 40°C (32°F to 104°F)
• Humidity: 10% to 90% (Non-condensing)
Storage Environment
• Temperature: -40°C to 70°C (-32°F to 158°F)
• Humidity: 10% to 90% (Non-condensing)</td></tr>
</table>

***Certification**	• Safety: CE-LVD, BSMI • EMC: CE, FCC, BSMI, Class B
Package Contents	• Switch • Power adapter • Quick Start Guide • Safety warning and DoC • Rubber foot pads
***Application Diagram**	
Front Panel	GS1200-5 GS1200-8
Rear Panel	GS1200-5 GS1200-8
Others	

Product Briefing | Color Box Content

***Tech Term**	
Segment	
Product Category	
***Key Selling Points**	•
***Product Specifications (Left Side)**	
*** Multilingual Key Features**	•
***QR Code**	http://www.zyxel.com

GS1200-5 / GS1200-8 will be designed with Brown box.