

## ZyWALL 1100/310/110 Datasheet

Model	ZyWALL 1100	ZyWALL 310	ZyWALL 110
<b>Hardware Specifications</b>			
10/100/1000 Mbps RJ-45 ports	8 (configurable)	8 (configurable)	2 x WAN, 1 x OPT, 4 x LAN/DMZ
USB ports	2	2	2
Console port	Yes (DB9)	Yes (DB9)	Yes (DB9)
Rack-mountable	Yes	Yes	Yes
<b>System Capacity &amp; Performance*1</b>			
SPI firewall throughput (Mbps)*2	6,000	5,000	1,600
AES VPN throughput (Mbps)*3	800	650	400
Unlimited user licenses	Yes	Yes	Yes
Max. concurrent sessions*4	500,000	100,000	60,000
New session rate	12,000	12,000	3,500
Max. concurrent IPsec VPN tunnels	1,000	300	100
Max. concurrent SSL VPN users	250	50	25
Included SSL VPN user no.	250	50	25
Customizable zones	Yes	Yes	Yes
IPv6 support	Yes	Yes	Yes
<b>WLAN Management</b>			
AP Controller (APC) ver.	1.0	1.0	1.0
Managed AP number (default/max.)	2/18	2/18	2/18
<b>Power Requirements</b>			

Power input		100 - 240 V AC, 50/60 Hz,1.3 A max.	100 - 240 V AC, 50/60 Hz,1.3 A max.	12 V DC, 3.33 A max.
Max. power consumption (watt)		58.5	58.5	37
<b>Physical Specifications</b>				
Item	Dimensions (WxDxH)(mm/in.)	430 x 250 x 44/16.93 x 9.84 x 1.73	430 x 250 x 44/16.93 x 9.84 x 1.73	300 x 178 x 44/11.81 x 7 x 1.73
	Weight (kg/lb.)	3.3/7.28	3.3/7.28	2/4.41
Packing	Dimensions (WxDxH)(mm/in.)	519 x 392 x 163/20.43 x 15.43 x 6.42	519 x 392 x 163/20.43 x 15.43 x 6.42	245 x 152 x 351/9.65 x 5.98 x 13.82
	Weight (kg/lb.)	4.74/10.45	4.74/10.45	2.83/6.24
Included accessories		<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Rack mounting kit</li> </ul>	<ul style="list-style-type: none"> <li>• Power cord</li> <li>• Rack mounting kit</li> </ul>	<ul style="list-style-type: none"> <li>• Power adaptor</li> <li>• Power cord</li> <li>• Rack mounting kit</li> </ul>
<b>Environmental Specifications</b>				
Operating	Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
	Humidity	10% to 90% (non- condensing)	10% to 90% (non- condensing)	10% to 90% (non- condensing)
Storage	Temperature	-30°C to 70°C/- 22°F to 158°F	-30°C to 70°C/- 22°F to 158°F	-30°C to 70°C/- 22°F to 158°F
	Humidity	10% to 90% (non- condensing)	10% to 90% (non- condensing)	10% to 90% (non- condensing)
MTBF (hr)		560,811.5	560,811.5	787,109.3
<b>Certifications</b>				
EMC		FCC Part 15 (Class A), CE EMC	FCC Part 15 (Class A), CE EMC	FCC Part 15 (Class A), CE EMC

	(Class A), C-Tick (Class A), BSMI	(Class A), C-Tick (Class A), BSMI	(Class A), C-Tick (Class A), BSMI
Safety	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI	LVD (EN60950-1), BSMI

Note:

\*1: Actual performance may vary depending on network conditions and activated applications.

\*2: Maximum throughput based on RFC 2544 (1,518-byte UDP packets).

\*3: AES VPN throughput measured based on RFC 2544, using UDP traffic with 1,424-byte packets.

\*4: Maximum sessions measured using the industry standard IXIA IxLoad testing tool.