

# AX Series Platform Guide

	AX 1000	AX 2000	AX 2100	AX 2200	AX 3100	AX 3200
<b>Ethernet Interface</b>						
Gigabit Copper	6	8	8	16	16	16
Gigabit Fiber – SFP Mini GBIC	2	2	4	4	4	4
10 Gigabit Fiber – XFP	0	0	0	0	2	2
<b>Processor</b>	1 x Quad Core	2 x 2 Hyper Threaded	2 x Quad Core	2 x Quad Core	2 x Quad Core	2 x Quad Core
<b>Memory</b>	2 GB	2 GB or 4 GB	4 GB	4 GB	4 GB	4 GB
<b>ECC Memory</b>	No	Yes	Yes	Yes	Yes	Yes
<b>Management Interface</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Console Port</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Hard Disks</b>	80 GB or 160 GB	80 GB or 160 GB	Dual 160 GB RAID 1	Dual 160 GB RAID 1	Dual 160 GB RAID 1	Dual 160 GB RAID 1
<b>Cooling Fan</b>	Fixed	Hot Swap Smart Fan	Hot Swap Smart Fan	Hot Swap Smart Fan	Hot Swap Smart Fan	Hot Swap Smart Fan
<b>Power Supply</b>	250 W	Dual 460 W RPS	Dual 460 W RPS	Dual 600 W RPS	Dual 600 W RPS	Dual 600 W RPS
<b>Maximum Power Consumption</b>	158 W	265 W	280 W	335 W	345 W	390 W
	100 to 240 VAC, Frequency 50-60 Hz					
<b>Hardware Acceleration</b>						
Linear Decoupled Architecture	Yes	Yes	Yes	Yes	Yes	Yes
Flexible Traffic ASIC	No	No	No	Yes	Yes	Yes
SSL Acceleration ASIC	Yes	Yes	Yes	Yes	Yes	Yes
Switching and Routing ASIC	No	No	No	Yes	Yes	Yes
Hardware Compression ASIC Option	No	No	Option	Option	Option	Option

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## Performance Comparison

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Application Throughput	2.4 Gb	4 Gb	6 Gb	7.4 Gb	8 Gb	8.7 Gb
Layer 4 CPS	153,000	110,000	202,000	302,000	420,000	541,000
Layer 7 CPS (1 HTTP/conn)	123,000	80,000	151,000	250,000	360,000	468,000
Layer 7 RPS (10 HTTPs/conn)	230,000	170,000	430,000	520,000	770,000	1,084,000
Layer 7 RPS (unlimited HTTPs)	275,000	240,000	580,000	750,000	1,040,000	1,507,000
DDoS Protection (SYN Flood) SYN/Sec	1 million	1 million	2 million	5.6 million*	7.9 million*	9.24 million*
SSL CPS	5,500	5,000	5,400	16,000	24,000	29,000
SSL TPS (10 transactions/conn)	18,000	10,000	13,600	45,000	68,000	90,000
SSL Bulk Throughput	1.2 Gb	1 Gb	1 Gb	1.3 Gb	2 Gb	2 Gb