

# Checkmarq BOS Series

## TECHNICAL SPECIFICATIONS

	BOS-1500	BOS-3500	BOS-5500	BOS-7500	BOS-9500
<b>Performance</b>					
Aggregate throughput	200 megabits per second	1 gigabit per second	2 gigabits per second	5 gigabits per second	10 gigabits per second
Typical latency	< 100 microseconds	< 100 microseconds	< 100 microseconds	< 100 microseconds	< 100 microseconds
Total sessions	1.500.000	2.500.000	> 2.500.000	> 2.500.000	> 2.500.000
Connections per second	> 100.000	> 150.000	> 200.000	> 400.000	> 400.000
<b>Scalability</b>					
	2x 10/100 Ethernet Copper 1 segment 1 management port 1 fail-over	2x 10/100/1000 Ethernet Copper 1 segment 1 management port 1 fail-over	2x 10/100/1000 Ethernet Copper 1 segment 1 management port 1 fail-over	6x 10/100/1000 Ethernet Copper Multi-segment 1 management port 1 fail-over	10x 10/100/1000 Ethernet Copper Multi-segment 1 management port 1 fail-over
<b>High availability</b>					
Fail-over	Optional	Optional	Yes	Yes	Yes
Redundant power	No	No	No	Yes	Yes
<b>Power supply</b>					
Units	1x AC	1x AC	1x AC	2x AC	2x AC
Watts (max)	200	250	250	460	460
V	100/240	100/240	100/240	100/240	100/240
Amps (max)	2/0,9	2,5/1,1	2,5/1,1	4,6/2	4,6/2
Frequency range (Hz)	50-60	50-60	50-60	50-60	50-60
<b>Cooling system</b>					
	1x 4cm ø fan	4x 4cm ø fan	4x 4cm ø fan	2x 12cm ø fan	2x 12cm ø fan
<b>Dimensions</b>					
Rack form factor	1U	1U	1U	2U	2U
Height (inches)	1,71	1,72	1,72	3,46	3,46
Height (cm)	4,34	4,37	4,37	8,80	8,80
Width (inches)	16,8	16,8	16,8	16,69	16,69
Width (cm)	42,67	42,67	42,67	42,40	42,40
Depth (inches)	14,4	13,4	13,4	20,87	20,87
Depth (cm)	36,58	34,04	34,04	53,00	53,00
<b>Certification</b>					
	CE/FCC/UL	CE/FCC/UL	CE/FCC/UL	CE/FCC/UL	CE/FCC/UL

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