Alteon Web Switch Matrix

FEATURES	Alteon 708	Alteon 714	Alteon AD2	Alteon AD3	Alteon 180e
Total Ethernet ports	up to 64	up to 128	8	9	9
Gigabit Ethernet ports	up to 16	up to 32	0	1	9
10/100 ports	up to 64	up to 128	8	8	8
RISC processors	up to 36	up to 68	18	20	20
Backplane speed	90 Gbps	180 Gbps	8 Gbps	8 Gbps	8 Gbps
L2/L3 forwarding	50M	100M	line rate	line rate	line rate
Session processing per second per port	372K	372K	25K	25K	25K
Concurrent SLB sessions	16 M	32 M	256K	512K	512K
Session processing per second/switch	6 M	12 M	200K	225K	225K
Ethernet switching	yes	yes	yes	yes	yes
IP routing	yes	yes	yes	yes	yes
IP routing interfaces	1024	1024	256	256	256
EtherChannel trunking	yes	yes	yes	yes	yes
VLANs	1024	1024	256	256	256
Web user interface	yes	yes	yes	yes	yes
SNMP private MIB, RMON	yes	yes	yes	yes	yes
Filtering: allow/deny	1024	1024	224	224	224
Redirection filters	1024	1024	224	224	224
Jumbo frames	yes	yes	yes	yes	yes
Local server load balancing	yes	yes	yes	yes	yes
Web cache redirection	yes	yes	yes	yes	yes
Firewall load balancing	yes	yes	yes	yes	yes
Router load balancing	yes	yes	yes	yes	yes
DNS redirection	yes	yes	yes	yes	yes
Application health checks	yes	yes	yes	yes	yes
Full NAT	yes	yes	yes	yes	yes
Real servers	4096	4096	256	256	256
Server groups	1024	1024	256	256	256
Virtual server addresses	unlimited	unlimited	unlimited	unlimited	unlimited
Virtual server blocks	1024	1024	256	256	256
Services per virtual server	8K	8K	2048	2048	2048
Global SLB	optional	optional	optional	optional	optional
Global SLB sites	64	64	8	8	8
Height (rack units)	6U	9U	2U	2U	2U
MTBF (000)	n/a	n/a	200	200	158
AC power	615W	1230W	80W	86W	92W
Heat (BTUs)	2098	4197	273	293	314