

## RAIDFLEX Storage Systems Host Connectivity

Topology	USB	Firewire	eSATA	ePCIe	NAS	iSCSI	SAS	FC
Description	Universal Serial Bus	FW1394a	external Serial Advanced Technology Attachment	external Personal Computer Interconnect	Network Attached Storage	internet Small Computer System Interface	Serial Attached SCSI	Fibre Channel
Logo								
Max. bandwidth	480MB/s	800MB/s	3Gb/s	6.4Gb/s	1Gb/s	1Gb/s	3Gb/s	4Gb/s
Bandwidth Roadmap	n/a	n/a	n/a	n/a	10Gb/s	10Gb/s	6Gb/s	8Gb/s
Max. cable length	5m	4.5m	1m	7m	100m (Ethernet cable max. length)	100m (Ethernet cable max. length)	8m	10km
Physical Connector types								
Applications	SoHo & small mobile file movement	Apple/PC & Peripherals	Lower speed DAS applications	High speed DAS applications, and small SANs (Switches not very scalable)	Various i.e. Print server	DAS, SAN over IP	DAS & SAN	DAS & SAN
Maximum number of Devices	n/a	n/a	1	Up to 28; when used in SAN	infinite	Up to 256LUNs	Up to 128; 16256 with fan-out expander	Up to 127 devices; 16 million with fabric FC
Notes & Opinions with ref. to use with ext. Storage	Too slow for high capacity RAID, some desktop systems exist.	Desktop users, mostly Mac.	Low cost, good price performance.	Low cost, good price performance. Host system needs HBA installed.	Filesystem share only, scalable but can be slow.	Low connectivity costs.	Fast, scalable. When used in SAN, 8m max cable length.	Fast, scalable. 10Km cable length.
Cost	\$	\$	\$\$	\$\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$
EScon Series	3000 Series	3000 Series	3000 Series 4000 Series	4000 Series	6000 Series	6000 Series 7000 Series 8000 Series	7000 Series 8000 Series	7000 Series 8000 Series N-Class

