

Product Features	Celerity Host Adapter Products							
	FC-84EN	FC-82EN	FC-81EN	FC-44ES	FC-42ES	FC-41ES/EL	FC-42XS	FC-41XS
Fibre Channel Ports	4	2	1	4	2	1	2	1
Fibre Channel Protocol	8-Gb	8-Gb	8-Gb	4-Gb	4-Gb	4-Gb	4-Gb	4-Gb
Maximum Transfer Rate (half duplex)	3.2 GB/sec	1.6 GB/sec	800 MB/sec	1.6 GB/sec	800 MB/sec	400 MB/sec	800 MB/sec	400 MB/sec
Maximum Transfer Rate (full duplex)	6.4 GB/sec	3.2 GB/sec	1.6 GB/sec	2 GB/sec	1 GB/sec	800 MB/sec	1 GB/sec ¹	800 MB/sec
Bus Type	PCIe 2.0	PCIe 2.0	PCIe 2.0	PCIe	PCIe	PCIe	PCI-X	PCI-X
Bus Characteristics	8 Lane	8 Lane	8 Lane	8 lane	4 lane	4 lane	64-bit, 133 MHz ²	64-bit, 133 MHz ²
Optical Interface	SFP+LC	SFP+LC	SFP+LC	SFP LC	SFP LC	SFP LC	SFP LC	SFP LC
Maximum Cable Length	300m@2-Gb 150m@4-Gb 50m@8-Gb	300m@2-Gb 150m@4-Gb 50m@8-Gb	300m@2-Gb 150m@4-Gb 50m@8-Gb	300m@2-Gb 150m@4-Gb	300m@2-Gb 150m@4-Gb	300m@2-Gb 150m@4-Gb	300m@2-Gb 150m@4-Gb	300m@2-Gb 150m@4-Gb
Low Profile Form Factor		✓	✓		✓	✓	✓	✓
Advanced Data Streaming (ADS™) Technology	✓	✓	✓	✓	✓	✓	✓	✓
Software RAID Support ³	✓	✓	✓	✓	✓	✓	✓	✓
Developer's Kit (Target Mode & API)	✓	✓	✓	✓	✓	ES Only	✓	✓
Windows	✓	✓	✓	✓	✓	✓	✓	✓
Linux (Red Hat, SUSE)	✓	✓	✓	✓	✓	✓	✓	✓
Macintosh® OS X	✓	✓	✓	✓	✓	✓	✓	✓
Novell Netware				✓	✓	ES Only	✓	✓
Solaris				✓	✓	ES Only	✓	✓
Free BSD				✓	✓	ES Only	✓	✓
RoHS Compliant Version	✓	✓	✓	✓	✓	✓	✓	✓

1. Performance ceiling is constrained by bus transfer speed
2. Backward compatible to 32-bit and 33MHz PCI
3. ATTO ExpressStripe for OS X available; Express Power Center and other software RAID supported for Windows