

Table of Contents – Controller & Adapter

	Page No.
Executive Summary	
Significant Changes	1
Overview	1
Definitions	4
Vendor Product Maps	5
Methodology	7
Worldwide Tables (Mfg. Revenue, Units and/or Ports, Mfg. ASP)	
Table 1: Worldwide Ethernet – Controller & Adapter Market – by Speed	1
Table 2: Worldwide Ethernet – Controller & Adapter Market – by Platform Type	3
Table 3: Worldwide 1 Gbps Ethernet – Controller & Adapter Market – Server Attach	4
Table 4: Worldwide 10 Gbps Ethernet – Controller & Adapter Market – Total	5
Table 5: Worldwide 10 Gbps Ethernet – Controller & Adapter Market – Controllers	6
Table 6: Worldwide 10 Gbps Ethernet – Controller & Adapter Market – Daughter Adapters	7
Table 7: Worldwide 10 Gbps Ethernet – Controller & Adapter Market – Stand-alone Adapters	8
Table 8: Worldwide 10 Gbps Ethernet – Controller & Adapter Market – Fiber/Copper Split	9
Table 9: Worldwide 25 Gbps Ethernet – Controller & Adapter Market – Total	10
Table 10: Worldwide 25 Gbps Ethernet – Controller & Adapter Market – Controllers	11
Table 11: Worldwide 25 Gbps Ethernet – Controller & Adapter Market – Fiber/Copper Split	12
Table 12: Worldwide 40 Gbps Ethernet – Controller & Adapter Market – Total	13
Table 13: Worldwide 40 Gbps Ethernet – Controller & Adapter Market – Controllers	14
Table 14: Worldwide 40 Gbps Ethernet – Controller & Adapter Market – Fiber/Copper Split	15
Table 15: Worldwide 50 Gbps Ethernet – Controller & Adapter Market – Total	16
Table 16: Worldwide 50 Gbps Ethernet – Controller & Adapter Market – Controllers	17
Table 17: Worldwide 50 Gbps Ethernet – Controller & Adapter Market – Fiber/Copper Split	18
Table 18: Worldwide 100 Gbps Ethernet – Controller & Adapter Market – Total	19
Table 19: Worldwide 100 Gbps Ethernet – Controller & Adapter Market – Controllers	20
Table 20: Worldwide 100 Gbps Ethernet – Controller & Adapter Market – Fiber/Copper Split	21
Appendix 1: Worldwide Total Ethernet – Controller & Adapter Market – Smart NIC	22
Appendix 2: Worldwide Total Ethernet – Controller & Adapter Market – Smart NIC Controller	23
Appendix 3: Worldwide Total Ethernet – Controller & Adapter Market – FCoE Enabled	24
Appendix 4: Worldwide InfiniBand – Controller & Adapter Market – Total by Port Speed	25
Vendor Tables	
Total Gbps Ethernet – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	26
1 Gbps Ethernet – Controller & Adapter – Server Attach	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	30
1 Gbps Ethernet – Controller – Server Attach	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	34
1 Gbps Ethernet – Stand-alone Adapter – Server Attach	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	38
10 Gbps Ethernet – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	42
10 Gbps Ethernet – Controller	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	46
Worldwide – Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP	50
Worldwide – Non-Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP	54

Table of Contents – Controller & Adapter

	Page No.
10 Gbps Ethernet – Daughter Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	58
Worldwide – Fiber – Mfg. Revenue, Ports, Mfg. Port ASP	62
Worldwide – Copper – Mfg. Revenue, Ports, Mfg. Port ASP	65
10 Gbps Ethernet – Mezzanine Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	68
10 Gbps Ethernet – Stand-alone Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	72
Worldwide – Fiber – Mfg. Revenue, Ports, Mfg. Port ASP	76
Worldwide – Copper – Mfg. Revenue, Ports, Mfg. Port ASP	79
10 Gbps Ethernet – Fiber/Copper Split	
Worldwide – Total Ports	82
Worldwide – Fiber Ports	83
Worldwide – Copper Ports – Total	84
Worldwide – Copper Ports – SFP+ Direct Attach Copper	85
Worldwide – Copper Ports – 10G Base-T	86
Worldwide – Copper Ports – Others	87
25 Gbps Ethernet – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	88
25 Gbps Ethernet – Controller	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	92
Worldwide – Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP	96
Worldwide – Non-Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP	100
25 Gbps Ethernet – Daughter Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	104
25 Gbps Ethernet – Mezzanine Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	108
25 Gbps Ethernet – Stand-alone Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	112
25 Gbps Ethernet – Fiber/Copper Split	
Worldwide – Total Ports	116
Worldwide – Fiber Ports	117
Worldwide – Copper Ports – Total	118
Worldwide – Copper Ports – DAC	119
Worldwide – Copper Ports – Others	120
40 Gbps Ethernet – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	121
40 Gbps Ethernet – Controller	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	125
Worldwide – Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP	129

Table of Contents – Controller & Adapter

	Page No.
Worldwide – Non-Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	133
40 Gbps Ethernet – Daughter Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	137
40 Gbps Ethernet – Mezzanine Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	141
40 Gbps Ethernet – Stand-alone Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	145
40 Gbps Ethernet – Fiber/Copper Split	
Worldwide – Total Ports	149
Worldwide – Fiber Ports	150
Worldwide – Copper Ports – Total.....	151
Worldwide – Copper Ports – DAC.....	152
Worldwide – Copper Ports – Others	153
50 Gbps Ethernet – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	154
50 Gbps Ethernet – Controller	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	158
Worldwide – Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	162
Worldwide – Non-Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	166
50 Gbps Ethernet – Daughter Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	170
50 Gbps Ethernet – Mezzanine Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	174
50 Gbps Ethernet – Stand-alone Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	178
50 Gbps Ethernet – Fiber/Copper Split	
Worldwide – Total Ports	182
Worldwide – Fiber Ports	183
Worldwide – Copper Ports – Total.....	184
Worldwide – Copper Ports – DAC.....	185
Worldwide – Copper Ports – Others	186
100 Gbps Ethernet – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	187
100 Gbps Ethernet – Controller	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	191
Worldwide – Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	195
Worldwide – Non-Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	199

Table of Contents – Controller & Adapter

	Page No.
100 Gbps Ethernet – Daughter Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	203
100 Gbps Ethernet – Mezzanine Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	207
100 Gbps Ethernet – Stand-alone Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	211
100 Gbps Ethernet – Fiber/Copper Split	
Worldwide – Total Ports	215
Worldwide – Fiber Ports	216
Worldwide – Copper Ports – Total.....	217
Worldwide – Copper Ports – DAC.....	218
Worldwide – Copper Ports – Others	219
Smart NIC – Controller & Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	220
Smart NIC – Controller	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	224
Worldwide – Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	228
Worldwide – Non-Server Attach – Mfg. Revenue, Units, Ports, Mfg. Port ASP.....	232
Smart NIC – Stand-alone Adapter	
Worldwide – Total – Mfg. Revenue, Units, Ports, Mfg. Port ASP	236
Total Ethernet – FCoE Enabled	
Worldwide – FCoE Enabled – Total – Mfg. Revenue, Ports, Mfg. Port ASP.....	240