

Point System™ and The ION Platform Comparison

At Transition Networks, we have evolved our media conversion solution from Point System™ to The ION Platform. Because The ION Platform is feature-rich with advanced management, security, and power capabilities, Point System will be retired.

Orders for Point System chassis and power supplies will be accepted through December 31, 2016 and orders for the Point System slide-in converter cards will be accepted through December 31, 2017.

The ION Platform was built to be scalable. It operates along-side the legacy Point System infrastructure while allowing you to expand capabilities by adding robust, high-performing media conversion equipment as needed.

This cross-reference chart will help scale your media conversion solution - whether you use Point System or The ION Platform or a combination of both.

Chassis

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CHASSIS
19-Slot Point System Chassis, AC power	CPSMC1900-100	ION219-A
19-Slot Point System Chassis, 48VDC power	CPSMC1910-100	ION219-D
Redundant AC power supply for 19-slot Chassis	CPSMP-205	IONPS-A
Redundant 48VDC Power Supply for 19-slot Chassis	CPSMP-210	IONPS-D
2-Slot Chassis, external AC Power	CPSMC0200-200	ION002-AD
1-Slot Chassis, external AC Power	CPSMC0100-200	ION001-A
8-Slot Point System Chassis, AC power	CPSMC0800-100	ION106-A
8-Slot Point System Chassis, DC power	CPSMC0810-100	ION106-D
Redundant AC power supply for 8-slot Chassis	CPSMP-180	IONPS6-A
Redundant 48VDC Power Supply for 8-slot Chassis	CPSMP-190	IONPS6-D

Management Module

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD
Management Module	CPSMM-120	IONMM

Fast Ethernet Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
Optical Line Converter (2) SFP ports up to 2.5Gbps	CFMFF4040-100	C3100-4040	S3100-4040
Single Mode fiber to Multimode fiber for 100M to 155 Mbps	CFMFF1314-200	C3100-4040 with TN-SFP-OC3M & TN-SFP-OC3S	S3100-4040 with TN-SFP-OC3M & TN-SFP-OC3S
100Base-TX RJ-45 to 100Base-FX, MM ST, 2KM	CFETF1011-110	C2110-1011	E-100BTX-FX-05
	CFETF1011-205	C2110-1011	E-100BTX-FX-05
100Base-TX RJ-45 to 100Base-FX, MM SC, 2KM	CFETF1013-110	C2110-1013	E-100BTX-FX-05(SC)
	CFETF1013-205	C2110-1013	E-100BTX-FX-05(SC)
100Base-TX RJ-45 to 100Base-FX, SM SC, 20KM	CFETF1014-110	C2110-1014	E-100BTX-FX-05(SM)
	CFETF1014-205	C2110-1014	E-100BTX-FX-05(SM)
100Base-TX RJ-45 to 100Base-FX, SM LC, 20KM	CFETF1019-205	C2110-1019	E-100BTX-FX-05(SMLC)
100Base-TX RJ-45 to 100Base-FX, SM SC, 1310/1550, 20KM	CFETF1029-110	C2110-1029-A1	E-100BTX-FX-05(100)
	CFETF1029-205	C2110-1029-A1	E-100BTX-FX-05(100)
100Base-TX RJ-45 to 100Base-FX, SM SC, 1550/1310, 20KM	CFETF1029-110	C2110-1029-A2	E-100BTX-FX-05(101)
	CFETF1029-206	C2110-1029-A2	E-100BTX-FX-05(101)
100Base-TX RJ-45 to 100Base-FX, MM LC, 2KM	CFETF1039-205	C2110-1039	E-100BTX-FX-05(LC)
100Base-TX RJ-45 to 100Base-FX open SFP	CFETF1040-110	C2110-1040	

10/100 Bridging Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
10/100Base-TX RJ-45 to 100Base-FX, MM ST, 2KM	CBFTF1011-105	C2210-1011	SBFTF1011-105
10/100Base-TX RJ-45 to 100Base-FX, MM SC, 2KM	CBFTF1013-105	C2210-1013	SBFTF1013-105
10/100Base-TX RJ-45 to 100Base-FX, SM SC, 20KM	CBFTF1014-105	C2210-1014	SBFTF1014-105
10/100Base-TX RJ-45 to 100Base-FX, SM LC, 20KM	CBFTF1019-105	C2210-1019	SBFTF1019-105
10/100Base-TX RJ-45 to 100Base-FX, SM SC, 1310/1550, 20KM	CBFTF1029-105	C2210-1029-A1	SBFTF1029-105
10/100Base-TX RJ-45 to 100Base-FX, SM SC, 1550/1310, 20KM	CBFTF1029-106	C2210-1029-A2	SBFTF1029-106
10/100Base-TX RJ-45 to 100Base-FX, MM LC, 20KM	CBFTF1039-105	C2210-1039	SBFTF1039-105
10/100Base-TX RJ-45 to 100Base-FX open SFP	CBFTF1040-105	C2210-1040	SBFTF1040-105

10/100 Bridging Chassis Cards with Link OAM

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
10/100Base-TX RJ-45 to 100Base-FX, MM ST, 2KM	CFBRM1011-100	C2220-1011	S2220-1011
10/100Base-TX RJ-45 to 100Base-FX, MM SC, 2KM	CFBRM1013-100	C2220-1013	S2220-1013
10/100Base-TX RJ-45 to 100Base-FX, SM SC, 2KM	CFBRM1014-100	C2220-1014	S2220-1014
10/100Base-TX RJ-45 to 100Base-FX, SM SC, 1310/1550, 20KM	CFBRM1029-100	C2220-1029-A1	S2220-1029-A1
10/100Base-TX RJ-45 to 100Base-FX, SM SC, 1550/1310, 20KM	CFBRM1029-101	C2220-1029-A2	S2220-1029-A2
10/100Base-TX RJ-45 to 100Base-FX open SFP	CFBRM1040-100	C2220-1040	S2220-1040

Gigabit Ethernet Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
SM to MM fiber for 1G Ethernet / Fiber Channel	CFMFF1314-220	C3100-4040 with TN-SFP-SX & TN-SFP-LX1	S3100-4040 with TN-SFP-SX & TN-SFP-LX1
Optical Line Converter (2) SFP ports up to 2.5Gbps	CFMFF4040-100	C3100-4040	S3100-4040
1000Base-T RJ-45 to 1000Base-SX, MM SC, 220M/550M	CGETF1013-110	C3110-1013	SGETF1013-110
1000Base-T RJ-45 to 1000Base-LX, SM SC, 10KM	CGETF1014-110	C3110-1014	SGETF1014-110
1000Base-T RJ-45 to 1000Base-SX, MM SC, Ext Dist 2KM	CGETF1024-110	C3110-1024	SGETF1024-110
1000Base-T RJ-45 to 1000Base-LX, SM SC, 1310/1550, 20KM	CGETF1029-110	C3110-1029-A1	SGETF1029-110
1000Base-T RJ-45 to 1000Base-LX, SM SC, 1550/1310, 20KM	CGETF1029-111	C3110-1029-A2	SGETF1029-111
1000Base-T RJ-45 to 1000Base-SX, MM LC, 220M/550M	CGETF1039-110	C3110-1039	SGETF1039-110
1000Base-T RJ-45 to 1000Base-X open SFP	CGETF1040-110	C3110-1040	SGETF1040-110

10/100/1000 Bridging Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
10/100/1000Base-T RJ-45 to 1000Base-SX, MM SC, 850NM	CGFEB1013-120	C3210-1013	SGFEB1013-130
10/100/1000Base-T RJ-45 to 1000Base-LX, SM SC, 10KM	CGFEB1014-120	C3210-1014	SGFEB1014-130
10/100/1000Base-T RJ-45 to 1000Base-SX, EXT MM SC, 2KM	CGFEB1024-120	C3210-1024	SGFEB1024-130
10/100/1000Base-T RJ-45 to 1000Base-SX, MM LC, 850KM	CGFEB1039-120	C3210-1039	SGFEB1039-130
10/100/1000Base-T RJ-45 to 1000Base-LX, SM SC, 1310/1550, 20KM	CGFEB1029-120	C3210-1029-A1	SGFEB1029-130
10/100/1000Base-T RJ-45 to 1000Base-LX, SM SC, 1550/1310, 20KM	CGFEB1029-121	C3210-1029-A2	SGFEB1029-131
10/100/1000Base-T RJ-45 to 1000Base-X, (1) open SFP	CGFEB1040-120	C3210-1040	SGFEB1040-130
10/100/1000Base-T RJ-45 to 1000Base-X, (2) open SFP	CGFEB1040-140		SGFEB1040-230
(2) 1000Base-X SFP and (1) 100/1000Base-X SFP	CGFEB4040-180		SGFEB1040-330

10/100/1000 Bridging Chassis Cards with Link OAM

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
10/100/1000Base-T RJ-45 to 1000Base-SX, MM SC, 220/550M	CBFFG1013-105	C3220-1013	S3220-1013
10/100/1000Base-T RJ-45 to 1000Base-LX, SM SC, 10KM	CBFFG1014-105	C3220-1014	S3220-1014
10/100/1000Base-T RJ-45 to (1) open SFP	CBFFG1040-105	C3220-1040	S3220-1040
100/1000Base-X SFP to 100/1000Base-X open SFP	CBFFG4040-105	C3221-1040	S3221-1040
10/100/1000Base-T RJ-45 to (2) open SFP, Extended Temperature			S3221-1040-T

10Gig Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
10Gig Ethernet Fiber SFP+ to Fiber SFP+	CTGFF4848-100	C4110-4848	S4110-4848
10GBase-T RJ-45 to 10Gig Fiber SFP+		C4120-1048	S4120-1048

T1/E1 Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
T1/E1 RJ-48 to Fiber, MM ST, 2KM	CSDTF1011-120	C6010-1011	S6010-1011
T1/E1 RJ-48 to Fiber, MM SC, 2KM	CSDTF1013-120	C6010-1013	S6010-1013
T1/E1 RJ-48 to Fiber, SM SC, 20KM	CSDTF1014-120	C6010-1014	S6010-1014
T1/E1 RJ-48 to Fiber, SM SC, 40KM	CSDTF1015-120	C6010-1040 with TN-GLC-LHX-SM	S6010-1040 with TN-GLC-LHX-SM
T1/E1 RJ-48 to Fiber, SM SC, 1310/1550, 20KM	CSDTF1029-120	C6010-1029-A1	S6010-1029-A1
T1/E1 RJ-48 to Fiber, SM SC, 1550/1310, 20KM	CSDTF1029-121	C6010-1029-A2	S6010-1029-A2
T1/E1 RJ-48 to Fiber, (1) open SFP		C6010-1040	S6010-1040
T1/E1 Dual Coax BNC to Fiber open SFP, (2) BNC and (1) open SFP		C6010-3040	S6010-3040

4xT1/E1 Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
4x T1/E1 RJ-48 to Fiber, MM ST, 2KM	C4TEF1011-120	C6110-1011	S6110-1011
4x T1/E1 RJ-48 to Fiber, MM SC, 2KM	C4TEF1013-120	C6110-1013	S6110-1013
4x T1/E1 RJ-48 to Fiber, SM SC, 20KM	C4TEF1014-120	C6110-1014	S6110-1014
4x T1/E1 RJ-48 to Fiber, SM SC, 1310/1550, 20KM	C4TEF1029-120	C6110-1029-A1	S6110-1029-A1
4x T1/E1 RJ-48 to Fiber, SM SC, 1550/1310, 20KM	C4TEF1029-121	C6110-1029-A2	S6110-1029-A2
4x T1/E1 RJ-48 to Fiber, (1) open SFP	C4TEF1040-120	C6110-1040	S6110-1040
4x T1/E1 RJ-48 to Fiber, (2) open SFP	C4TEF1040-140	C6111-1040	S6111-1040

4xT1/E1 Chassis Cards with Ethernet Port

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, MM ST, 2KM	C4TEF1011-125	C6120-1011	S6120-1011
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, MM SC, 2KM	C4TEF1013-125	C6120-1013	S6120-1013
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, SM SC, 20KM	C4TEF1014-125	C6120-1014	S6120-1014
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, SM SC, 1310/1550, 20KM	C4TEF1029-125	C6120-1029-A1	S6120-1029-A1
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, SM SC, 1550/1310, 20KM	C4TEF1029-126	C6120-1029-A2	S6120-1029-A2
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, (1) open SFP	C4TEF1040-125	C6120-1040	S6120-1040
4x T1/E1 RJ-48 + 10/100 RJ-45 to Fiber, (2) open SFP	C4TEF1040-145	C6121-1040	S6121-1040

DS3-T3/E3 Chassis Cards

POINT SYSTEM DESCRIPTION	POINT SYSTEM	ION CARD	ION STAND-ALONE
DS3/E3 Dual Coax BNC to Fiber, MM ST, 2KM	CCSCF3011-110	C6210-3011	S6210-3011
DS3/E3 Dual Coax BNC to Fiber, MM SC, 2KM	CCSCF3013-110	C6210-3013	S6210-3013
DS3/E3 Dual Coax BNC to Fiber, SM SC, 20KM	CCSCF3014-110	C6210-3014	S6210-3014
DS3/E3 Dual Coax BNC to Fiber, SM SC, 1310/1550, 20KM	CCSCF3029-110	C6210-3029-A1	S6210-3029-A1
DS3/E3 Dual Coax BNC to Fiber, SM SC, 1550/1310, 20KM	CCSCF3029-111	C6210-3029-A2	S6210-3029-A2
DS3/E3 Dual Coax BNC to Fiber, open SFP	CCSCF3040-110	C6210-3040	S6210-3040