

E1/T1 INTERFACE CARDS FOR CXR-HX9400R/HX9500R

Features

- 16 E1/T1 per port, choice of 16, 32 or 63 ports per card
- Software selectable E1(120ohm) /T1 plug-in card with 16, 32 or 63 ports
- Dedicated 75 ohm E1 plug-in card with 16, 32 or 63 ports
- Hot-swappable
- RoHS compliant



E1(75 ohm) 16, 32 and 63 Ports Interface Cards



E1(120 ohm)/T1 16, 32 and 63 Ports Interface Cards

Description

The E1/T1 Interface Card is a software selectable plug-in card. Depending upon manufacturing options there are N x E1/T1 ports available, where N=16/32/63TE or N=16/32/63E75. The card is hot-swappable and can be installed or removed from a CXR-HX9400R chassis when the HX9400R device is powered up. Each port are SCSI interface port. Ordered SCSI cables and IX-PAN separately.

Note: The 75 ohm E1 card is an E1 card only. It is not configurable as a T1 card.

Ordering Information

To specify options, choose from the list below.

Note: RoHS compliant units are identified by the letter **G** appearing immediately at the end of the ordering code.

Model	Description	Note
HX9400R-16E1/T1	16 E1(120 ohm) or 16 T1 software selectable interface plug-in module	Order two with Y-box for redundancy. See HX9400R brochure for Y-box ordering information.
HX9400R-32E1/T1	32 E1(120 ohm) or 32 T1 software selectable interface plug-in module	
HX9400R-63E1/T1	63 E1(120 ohm) or 63 T1 software selectable interface plug-in module	
HX9400R-16E1-75	16 E1(75 ohm) interface plug-in module	
HX9400R-32E1-75	32 E1(75 ohm) interface plug-in module	
HX9400R-63E1-75	63 E1(75 ohm) interface plug-in module	

Accessories

User's Manual	
CXR-HX9400R-E1T1-UM	Optional, paper copy of User Manual. A CD version of the manual is already included as part of the standard package.

Accessories

IX-PAN and SCSI cables		
IX-PAN-16E1T1-RJ45	19" panel without SCSI cable for 16 E1/T1 RJ45 120ohms for HX9400R/S, HX9500R, IMX-MSTM4, PT7860. Add 1 SCSI cable	
IX-PAN-16E1-BNC	19" panel without SCSI cable for 16 E1 BNC 75ohms for HX9400R/S, HX9500R, IMX-MSTM4, PT7860. Add 1 SCSI cable	
IX-PAN-16E1T1-WR	19" panel without SCSI cable for 16 E1/T1 wire for HX9400R/S, HX9500R, IMX-MSTM4, PT7860. Add 1 SCSI cable	
Y-BOX-PAN-16E1-RJ45	Y-Box with 1U 19" panel without SCSI cable, 2 SCSI toward 16 E1/T1 RJ45 120ohms for HX9400	
CA-SCSI-M-2	SCSI cable 68pts for IX-PAN : length 2 meters	

E1/T1 Interface Cards Product Specifications**E1 Interface**

Line Rate	2.048 Mbps \pm 50 ppm	Jitter	ITU G.823
Line Code	AMI/HDB3	Framing	Unframed with a framing monitor on receiving side
Input Signal	ITU G.703	Impedance	75 ohm coax/120 Ω twisted pair
Output Signal	ITU G.703	Connector	SCSI-II 68-pin One connector for 16 ports Two connectors for 32 ports Four connectors for 63 ports
Output Mask	ETS 300 689 Sec.4.2.1.2 ITU G.703		

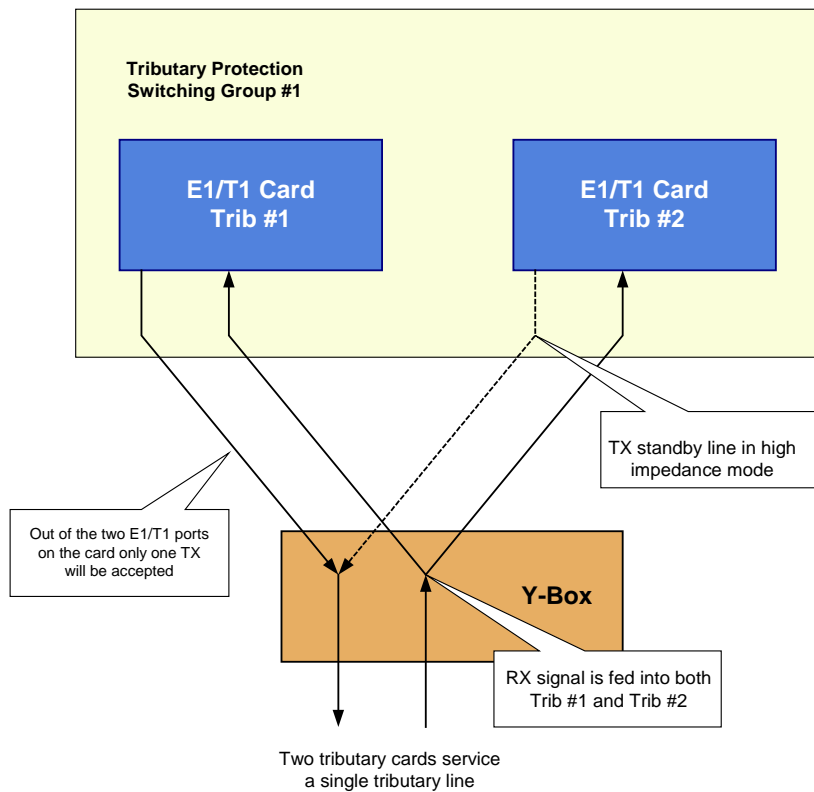
T1 Interface

Line Rate	1.544 Mbps \pm 32 ppm	Jitter	ITU G.824
Line Code	AMI/B8ZS	Framing	Unframed with a framing monitor on receiving side
Input Signal	ITU G.703 DSX-1 0dB to -6dB	Impedance	100 ohm twisted pair
Output Signal	ITU G.703 DSX-1 w/short (0-110, 110-220, 220-330, 330-440, 440-550, 550-660 feet)	Connector	SCSI-II 68-pin One connector for 16 ports Two connectors for 32 ports Four connectors for 63 ports
Output Mask	Bellcore GR-499-core		

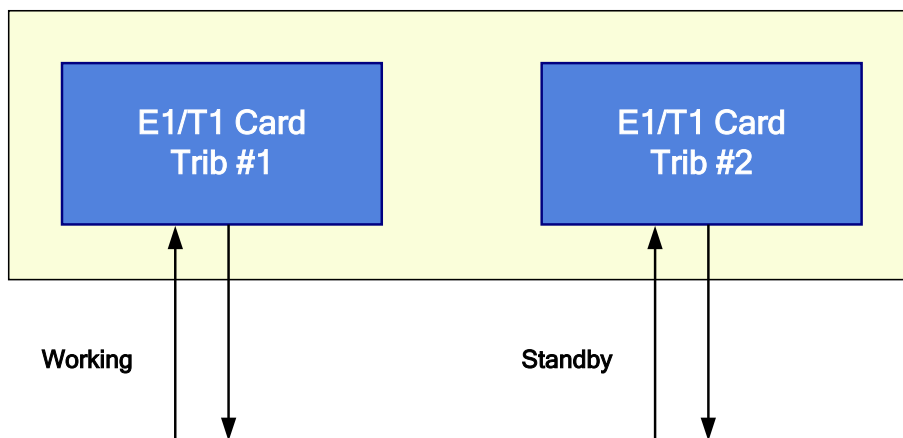


Application Illustration

Card Based 1:1 and Port Based 1:1 Protection



Line 1+1 Protection



Smart Solutions for Smart Networks

The information contained in this document is not contractual. CXR is evolving its products. Specifications may change without notice.