



RETINA E2200

2x E1 – PCI Card

Retina E2200 is a PCI adapter card for Linux with two E1 interfaces. The G.703/G.704 E1 interfaces max speed is 2.048 Mbps. The adapter card can be installed under Linux kernel with provided general purpose driver and utilities.

TECHNICAL DETAILS

Main features

- PCI card for for E1 data transmission with Linux system
- Two G.703/G.704 E1 interfaces with max 2 Mbps
- Linux kernel driver and CLI
- Adjustable DMA transfer unit size for optimizing performance
- Flexible clocking alternatives
- SW/FW upgrades downloadable from www.dcombus.com

Applications

- Embedded Linux applications
- Server based applications, firewalls, gateways, routers
- VoIP-PBX gateways & servers
- Fast point-to-point connections, fast copper access
- LAN to LAN, WAN to LAN

Card type

- PCI vers 2.2 compliant
- Short, full height card
- Suitable for 32b and 64b PCI bus slots
- Using 5V and 3.3V from the PCI bus

Linux support & utilities

- Driver supports standard Linux kernel versions 2.4.4, 2.4.18 and 2.4.20, customizable
- RetiMan menu-based interface for configuration & management
- Reti_line command line interface

Interfaces, E1 (2x)

- Clocking alternatives SW selectable: (1) Line clocking, (2) Line clocking from the other E1 line in the same card, (3) Internal clocking, or (4) External clocking from the ExtClk interface
- Packet or stream mode operation (sw selectable)
- LED indications: (1) LOS, (2) AIS, (3) OK
- RJ-45 connectors

Operation distances, E1 Interfaces

- 1.5 km @ 2.048 Mbps
- Selectable Short haul/long haul

Temperatures

- Operational 0 to +40 C
- Storage -20 to +60 C

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