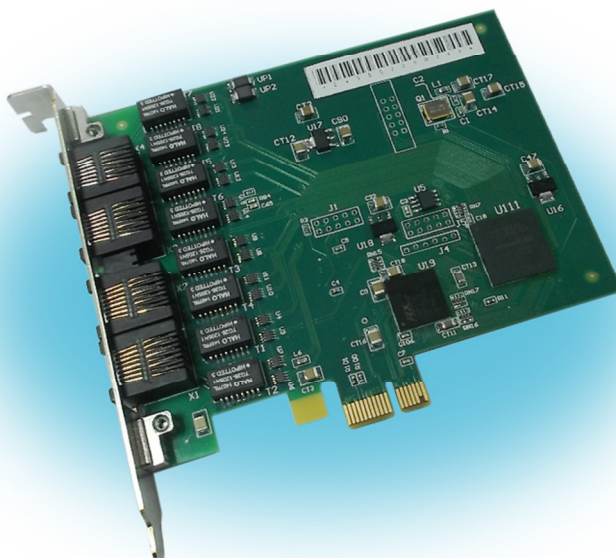


Quasar-16RPCX 16 ports E1 adapter



Multi-channel interface card Quasar-16RPCX (adapter) is designed for connecting E1 interfaces to servers and workstations running Linux OS. The adapter provides receiving and parsing of E1 frames, packing data into packets, buffering and transferring streams to the main computer memory in DMA mode, generating appropriate interrupts. The adapter can be used to parallelly extract information from E1 streams for the purpose of monitoring and diagnosing communication networks.

Main Features

- Number of ports E1 - 16 (reception only)
- 16 E1 framers with CAS/PRI/SS7 signaling support
- DMA mode for transferring data to computer memory without CPU involvement
- Automatic selection of the synchronization channel
- PCI express x1 form factor

Order codes

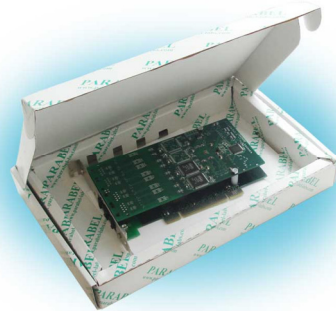
| | |
|-----------------|--|
| Quasar-16RPCX.1 | With input terminating resistors 120 ohm |
| Quasar-16RPCX.2 | Without terminating resistors (high-impedance) |

Quasar-16 technical data

| Parameter | Value |
|------------------------|---|
| E1 connector type | RJ45, 8 pins |
| Cable type | 120 Ohm, twisted pair |
| Nominal pulse voltage | 3 V +- 10% |
| Data transmission rate | 2048 kbit/s +- 50 ppm |
| Line Coding | AMI/HDB3 |
| E1 signal attenuation | 0..-6 db |
| Standards | ITU G.703, G.704, G.706, G.732, G.823 |
| Pulse form | ITU G.703 |
| Jitter | ITU G.823 |
| Frame structure | ITU G.704 |
| Bus and slot type | PCI express x1 |
| Device dimensions | 120 x 120 x 20 mm |
| Ambient conditions | Temperature 5 to 50° C Humidity 80% at 25° C |

Delivery

- Quasar board
- CD with driver and user's manual
- Guarantee card
- Cardboard box: L260x W170x H30 mm



Guarantee

Parabel ltd guarantees to repair free or replace products within 2 years from the date of purchase.

Supplier

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