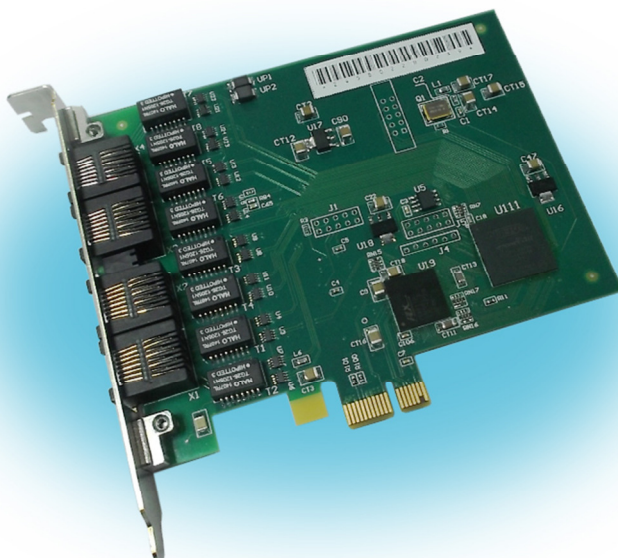


## Quasar-16RPCX 16 ports E1 adapter



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

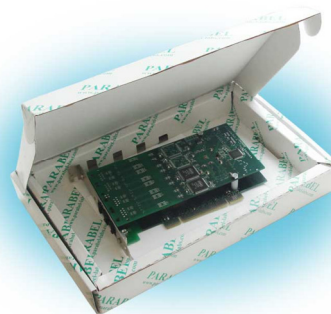
Quasar-16RPCX.1	With input terminating resistors 120 ohm
Quasar-16RPCX.2	Without terminating resistors (high-impedance)

## 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

PARABEL LIMITED

<http://parabel-labs.com>

Email: [info@parabel.ru](mailto:info@parabel.ru)

Phone/Fax: +7 383 2138707