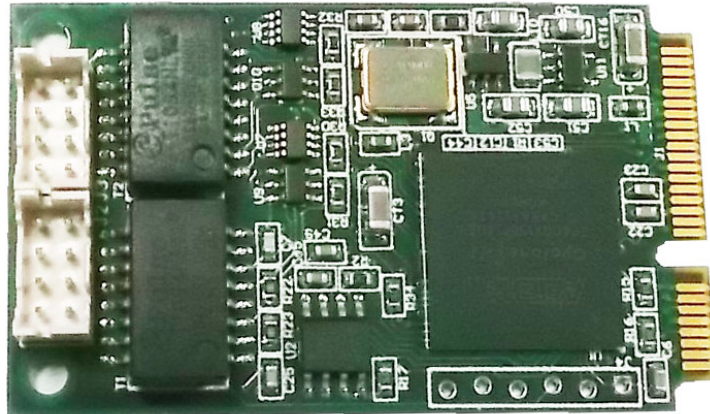


## Quasar-micro miniPCI-express E1 interface board



Quasar-micro interface board is intended for connection of E1 interfaces to the computers running under Asterisk soft PBX. The board is installed to the miniPCIe slots.

### The key features

- Quantity of E1 channels used: 1 or 2
- Total access embedded hardware timeslots switcher with 64x64 channels matrix
- DMA mode for data transfer to PC without CPU, frames are optimized for DAHDI
- Automatic selection of the synchronization channel
- PCI-express bus

### Applications

- Laptop based E1 analyzers
- Compact VOIP gates, based on Asterisk
- VOIP gates and IP PBX for industrial and rugged applications

## Quasar-micro technical data

| Parameter              | Value   |
|------------------------|---|
| E1 connector type      | B8B-PHDSS   |
| 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  | -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      | miniPCI-express                                   |
| Device dimensions      | 50 x 30 x 11 mm                                   |
| Ambient conditions     | Temperature -20 to 50° C<br>Humidity 80% at 25° C |

## Delivery set

- 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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