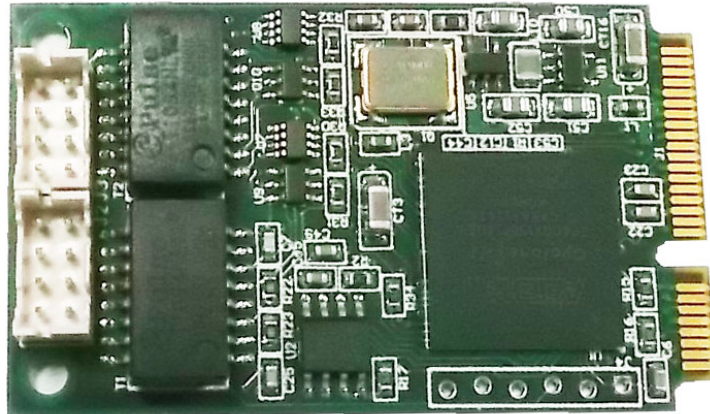


Quasar-micro miniPCI-express E1 interface board



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 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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