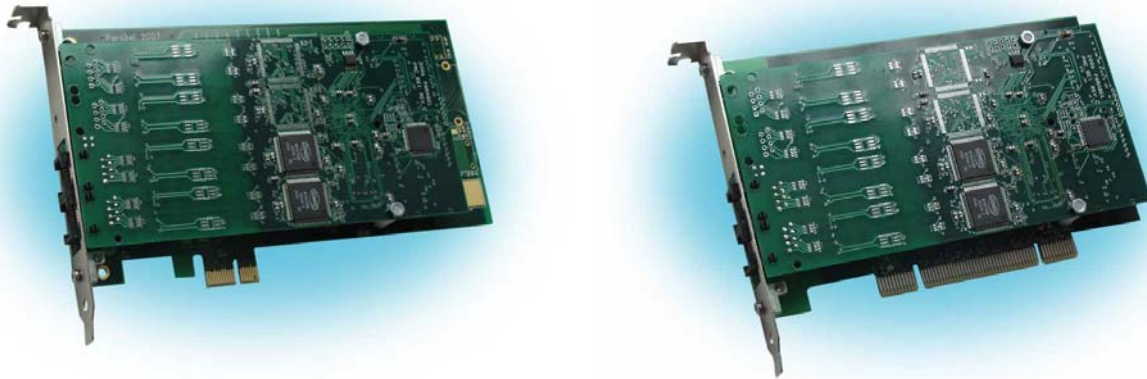


Quasar interface board



Quasar is an 8-channel E1 interface card developed for PCI/PCIe slots of the Asterisk server. The card provides simultaneous operation of the 256 voice channels and channel cross switch without CPU loading.

The key features

- ✓ Up to 8 E1 ports
- ✓ Low latency hardware TDM cross-connector, 256x256 timeslots
- ✓ DMA mode
- ✓ Automatic E1 reference clock source selection
- ✓ E1 long-haul receiver with the adaptive attenuation control (up to -40db)
- ✓ PCI 2.2 3V or 5V slots, or PCI-e

Order codes

Quasar-8PMC	8 E1 channels, PMC form factor
Quasar-4PMC	4 E1 channels, PMC form factor
Quasar-2PMC	2 E1 channels, PMC form factor
Quasar-8PCI	8 E1 channels, PCI form factor
Quasar-4PCI	4 E1 channels, PCI form factor
Quasar-8PCX	8 E1 channels, PCI-express form factor
Quasar-4PCX	4 E1 channels, PCI-express form factor

Quasar 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	-40 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 2.2, 33 Mhz, 5V or 3.3V or PMC IEEE P1386.1 or PCI-express
Device dimensions	170 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

Phone/Fax: +7 383 2138707