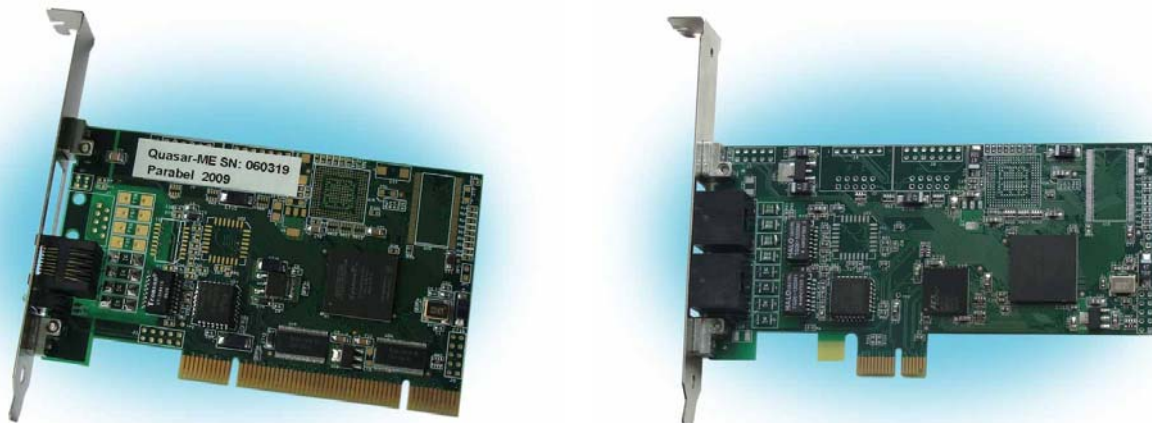


Quasar-M interface board



Quasar-M is a 2-channel E1 interface card developed for PCI/PCIe slots of the Asterisk server. The card provides the simultaneous operation of the 64 voice channels and channel cross switch without CPU loading.

The key features:

- ✓ 1 or 2 E1 ports
- ✓ Low latency hardware TDM cross-connector, 64x64 timeslots
- ✓ DMA mode, frames are optimized for Zaptel/DAHDI
- ✓ Automatic E1 reference clock source selection
- ✓ E1 long-haul receiver with the adaptive attenuation control (up to -40db) for port 0
- ✓ PCI 2.2 3V or 5V slots, or PCI-e

Order codes

Quasar-ME	1 E1 port, PCI
Quasar-MEX	1 E1 port, PCI-express
Quasar-MEE	2 E1 ports, PCI
Quasar-MEEX	2 E1 ports, PCI-express

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 for port 0 -6 db for port 1
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 PCI-express
Device dimensions	130 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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