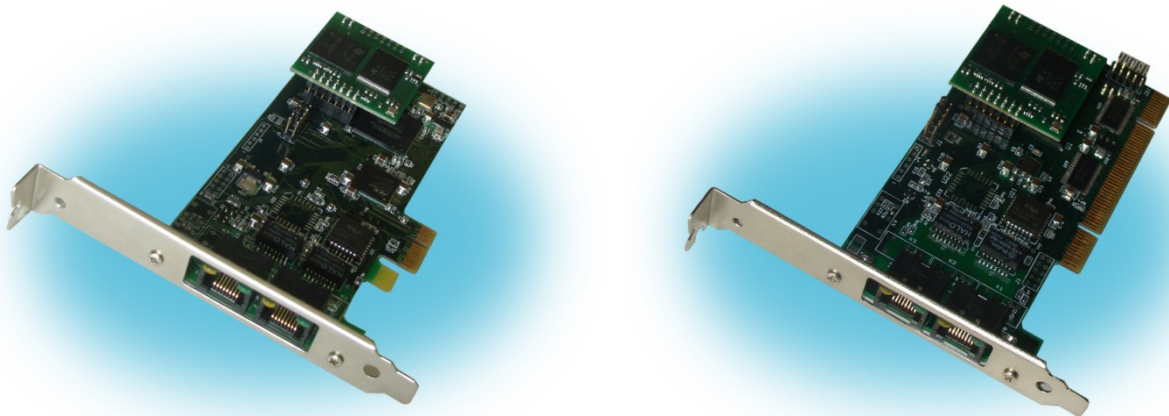


## Quasar-M E1 interface board



Quasar-M interface board is intended for connection of E1 interfaces to the servers running under Asterisk soft PBX.

### The key features:

- Quantity of E1 channels used: 1 or 2
- Hardware echo cancellation
- Bypass switch of ports
- Total access embedded hardware timeslots switcher with 64x64 channels matrix
- DMA mode for data transfer to PC without CPU, frames are optimized for Zaptel/DAHDI
- Automatic selection of the synchronization channel
- Automatic E1 sensitivity adjustment of the receiver (up to -40dB) for 0 port
- PCI-e or PCI 2.2 (3V or 5V variant)
- Low-profile PCI form factor

### Order codes

Quasar-ME	1 E1 port, PCI
Quasar-MEX	1 E1 port, PCIe
Quasar-MEE	2 E1 ports, PCI
Quasar-MEEX	2 E1 ports, PCIe
Quasar-ME-EC	1 E1 port, PCI, echo canceller
Quasar-MEX-EC	1 E1 port, PCIe, echo canceller
Quasar-MEE-EC	2 E1 ports, PCI, echo canceller
Quasar-MEEX-EC	2 E1 ports, PCIe, echo canceller
Quasar-MEE-EC-FO	2 E1 ports, PCI, echo canceller, bypass
Quasar-MEEX-EC-FO	2 E1 ports, PCIe, echo canceller, bypass

## Quasar-M 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 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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