



AE1610E

[AE1610E Datasheet](#)

Modular Analog Telephony Interface Product

AE1610E is a sixteen-port analog card and works with PSTN line. It can be used to build a PBX system based on Asterisk® Open Source platform.

Key Benefits:

- ◆ Modular Design: Up to 4 FXS-400, FXO-400 or mixed FXS-400/FXO-400 ports per card. Each port can be setup as FXO-400 or FXS-400 via plug different module in it.
- ◆ Firmware accelerate I/O access achieve high stability and highly decreased cpu payload.
- ◆ Bus Master: Operation speed up to 132Mbytes/sec
- ◆ Echo cancel: Support the highest quality Octasic echo cancel DSP, each channel independent of 128ms or 1024taps Echo cancel
- ◆ FPGA design: Firmware can be field upgraded
- ◆ Scalable: Just add additional cards to extend system.
- ◆ World Wide Usable: Configurable line interface to meet global telephone line interface requirements.
- ◆ High quality with low price.
- ◆ Application ready: use Asterisk® to build your IP-PBX/Voice mail system.

Features:

- ◆ Support PCI 2.2 with both 3.3 V and 5 V PCI slots.
- ◆ Power consuming (12V): 57.03 W (with full 4 port FXS-400 modules), 7.83W (with full 4 port FXO-400 modules).
- ◆ SMEC power consuming: 3.83W
- ◆ Industry standard full size length PCI card.
- ◆ Opens source driver working with zapTEL and dahdi.

Hardware and Software Requirements:

- RAM 128 + MB
- Linux kernel 2.4.X or 2.6.X
- CPU 800+ MHZ
- PCI 2.2

Physical Information:

Name	Net weight (g)	Size (cm)
A1610P	128	21.9*11.6*1.8
FXO-400	13	5.7*4.5*0.7
FXS-400	24	5.7*4.5*0.8
SMEC	10	



Misc:

- Temperature Operation: 0 to 50°C
- Temperature Storage: - 40 to 125°C
- Humidity:10 TO 90% NON-CONDENSING
- Voltage:3.3V
- Board Power Dissipation Max: 6.89W

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