allo.com

Second Generation

E1/T1 PRI CARD
1/2/4/8 Ports
(PCI/PCIe)

Certified by

elastix™
FREEDOM TO COMMUNICATE

Askozia®
Intuitive Telephony

Also works with

Asterisk™   FreePBX™   yate™
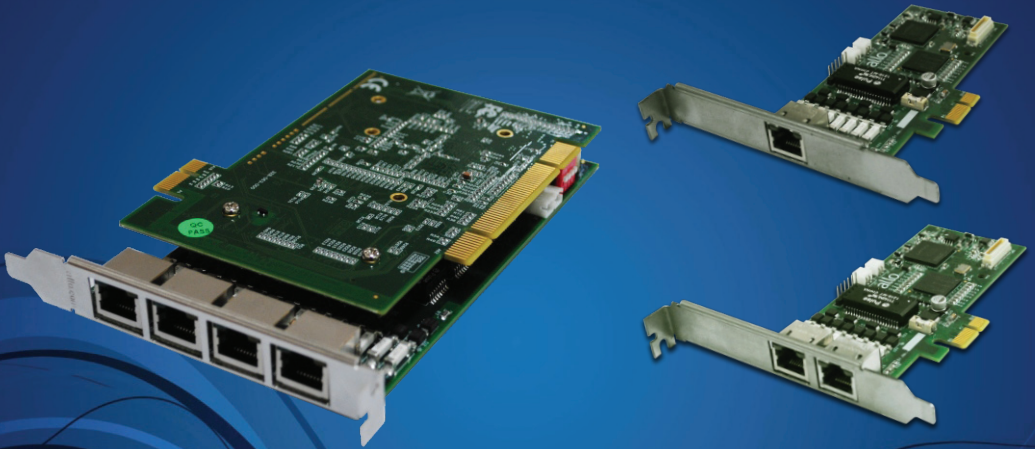
trixbox™   FreeSWITCH™

PRI/SS7 Signaling supported

Both PRI NET and PRI CPE are supported

Field upgradable firmware for future updates

Hardware based Echo Cancellation

Fully PCI 2.2/PCIe compliant

Partner NET
SMART ICT DISTRIBUTION

Allo Digital cards provide E1/T/J1 connectivity to Asterisk/Freeswitch based PBX.

Our cards are high performance reliable and affordable and easy to install, Allo Digital cards support optional 128ms Hardware based Echo Cancellation Module and provides excellent voice quality, wehave a unique advantage aswe provide both PCI &PCIe interface on the same board. Our cardsare ready to perform right out of the box.

Key Features

- Supports both E1, T1, J1 environments and is software-selectable on a per-card or per-port basis
- PRI/SS7 Signaling supported
- Both PRI NET and PRI CPE are supported
- PCI and PCIe interface on the same card. Fully PCI 2.2/PCIe (X1) compliant
- Upto 8 T1/E1/J1 ports with PCI-Express interface for high performance voice applications
- Optimized per channel DMA streams and hardware-level HDLC handling unload the host CPU
- Optional Octasic® DSP Echo Cancellation Module 128ms tail/channel (on all channel densities)
- Field upgradable firmware for future updates. Interoperable with Asterisk™, Freeswitch™, YATE™, Elastix™, Trixbox™, FreePBX™ ...

Target Application

- Legacy PBX/IVR Services
- Voice-over Internet Protocol (VoIP) Services
- Complex IVR Trees
- "Meet-Me"
- Bridge Conferencing
- VoIP Gateways
- Calling Card Platforms
- PRI Switch Compatibility – Network or CPE

Brand/ Features	DMA	Dynamic Buffer Adjustment	Manual Interoperable	Field Firmware Upgrade	PCI/PCIe on same board	Works directly with DAHDI
ALLO™	✔	✔	✔	✔	✔	✔
Digium™	✔	✔	✔	�‚✗	✗	✔
OpenVox™	✔	✔	✔	✗	✗	✔
Sangoma™	✔	✔	✔	✔	✗	✗

allo.com

Minimum Hardware Requirment

(120 concurrent calls)

- Dual core processor
- 2 GB RAM
- Available PCI/PCIe slot

Product Models

2aCP1e - 2nd Gen **1** Port PRI Card (PCIe)
2aCP1eL - 2nd Gen **1** Port PRI Card (PCIe) + LEC
2aCP2e - 2nd Gen **2** Ports PRI Card (PCIe)
2aCP2eL - 2nd Gen **2** Ports PRI Card (PCIe) + LEC
2aCP4 - 2nd Gen **4** Ports PRI Card (PCI)
2aCP4e - 2nd Gen **4** Ports PRI Card (PCIe)
2aCP4L - 2nd Gen **4** Ports PRI Card (PCI) + LEC
2aCP4eL - 2nd Gen **4** Ports PRI Card (PCIe) + LEC
2aCP8e - 2nd Gen **8** Ports PRI Card (PCIe)
2aCP8eL - 2nd Gen **8** Ports PRI Card (PCIe) with LEC

Physical & Environmental

Operation temperature: 0°C to 50°C
Storage temperature: -40°C to 125°C
Dimension (4 port): 15.5cm X 9.5cm X 1.5cm
Dimension (1&2 port): 12.6cm X 6.5cm X 1.5cm

Warranty Info

5 Years Hardware warranty,
backed by 3 month money back guarantee.

Tech Specs

- Upto 8 T1/E/J1 ports with optimum PCI or PCI-Express interface for high performance voice and data applications
- TDM channel alignment in hardware (instead of software), for greater voice integrity and reliability
- Interrupts frequency adjustment
- Optional Octasic® DSP Echo Cancellation Module 128ms tail/channel (on all channel densities)
- Hardware-level HDLC handling to reduce the load on the host CPU
- PCI and PCIe interface on the same card. Fully PCI 2.2/PCIe (X1) compliant
- Autosense compatibility with 5 V and 3.3 V PCI busses
- Same base PCI interface card; fully compatible with commercially available motherboards - proper PCI-standard interrupt sharing without manual tuning
- 32-bit bus master DMA data exchanges across PCI interface at 132 Mbytes/sec for minimum host processor intervention
- DMA based data transfer for minimum host intervention and guaranteed data integrity on high volume systems
- TDM clocking mode selectable as Slave or Master