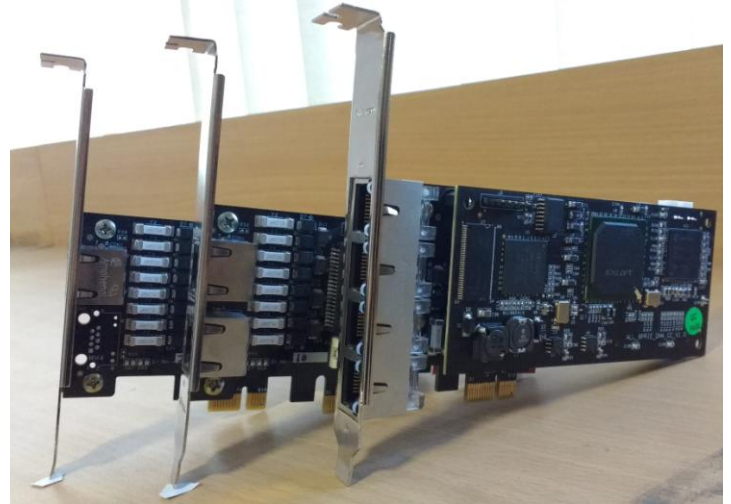# E1/T1 PRI Card (1/2/4/8 Ports) (PCIe)

Overview

In an industry that is ever changing, Allo has introduced a new series of digital cards that are high-performance and cost effective digital telephony interface cards which support T1/E1 interfaces. Allo cards have an optional hardware base Octassic^{TM} . DSP Line Echo Cancellation can help you to achieve the highest voice quality with today's technology.

This is a card with an affordable price tag proven to handle very high density of calls in hardcore call center/Telco environments. Allo cards (DAHDI) are compatible with Asterisk®, FreeSWITCH®, Yate^{TM}, Elastix, Trixbox, as well as other open source and proprietary PBX, Switch, IVR, or VoIP gateway applications.
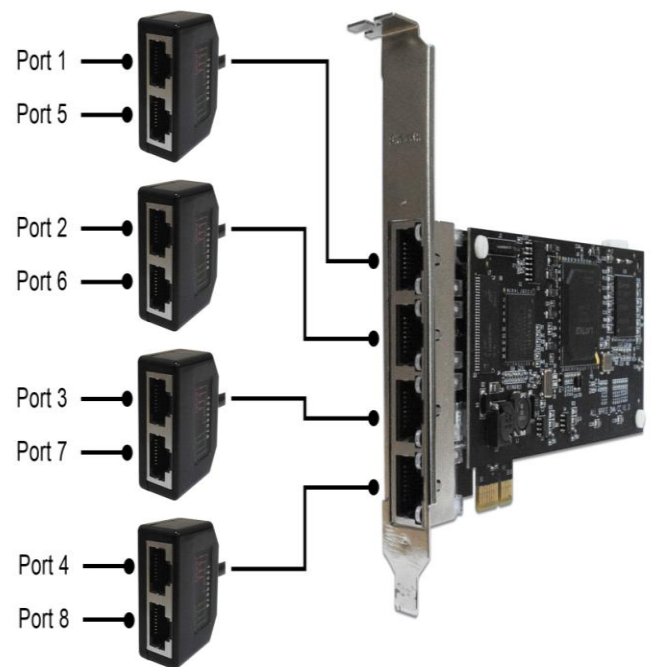
Allo Digital Card 1/2/4/8

Introduction

This 3rd Gen PRI PCIe card is half height and comes by default with both full and half height metal bracket. The card is manufactured with the highest quality components and PCB in our fully automatic Surface Mount Technology factory.

ALLO supports the Asterisk community and opted NOT to copy the Digium^{TM} PCI ID, like other manufacturers do unlawfully and against the will of Digium^{TM}. For you, the customer, this means you are buying a card which will continue to work with DAHDI when Digium^{TM}, the owner of Asterisk^{TM}, decides to change their code in order to block the rogue manufacturers. Use our patched DAHDI version provided.

You can choose to purchase the optional Line Echo Cancellation module which uses the industry standard Octassic® DSP.

8 Ports Connected with Splitters

Features

- SS7 Signaling supported
- Fully PCIe Gen1.1 (x1) compliant
- Four T1/E1/J1 ports with PCI-Express interface for hig[h] performance voice applications
- Optimized per channel DMA streams and hardware-lev[el] HDLC handling unload the host CPU
- Optional Octasic^{TM} DSP Echo Cancellation Module 128m[s] tail/channel (on all channel densities)
- PRI Switch Compatibility: Euro ISDN, Network or CP[E] AT&T 4ESS, CAS Voice Modes
- Interoperable with Asterisk^{TM}, Freeswitch ^{TM}, YATE $^{T[M]}$ Elastix ^{TM}, Trixbox ^{TM}, and FreePBX ^{TM}...

Operation temperature: 0°C to 50°C
Storage temperature: -40°C to 125°C
3rd Gen 1/2/4 Port Dimensions: 12.7cm x 6cm x 1.8cm
Weight: 63 grams

3rd Gen 8 Port Dimensions: 15cm x 6.3cm x 1.8cm
Weight: 125 grams

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

Card Generation	3rd Gen PRI Card			
Port	1	2	4	8
Carrier	E1/T1/J1	E1/T1/J1	E1/T1/J1	E1/T1/J1
Product Model	4aCP1e	4aCP2e	4aCP4e	4aCP8e
Bus Type	PCIe -1.1	PCIe -1.1	PCIe -1.1	PCIe -1.1
Half-Length	Yes	Yes	Yes	Yes
Echo Cancellation Module	VPM032	VPM064	VPM128	VPM256

Brand/Features	DMA	Dynamic Buffer Adjustment	Interoperable with other vendors	Field Firmware Upgrade
ALLO^{TM}	✔	✔	✔	✔
Digium^{TM}	✔	✔	✔	✔
OpenVox^{TM}	✔	✔	✔	✔
Sangoma^{TM}	✔	✔	✔	✔