



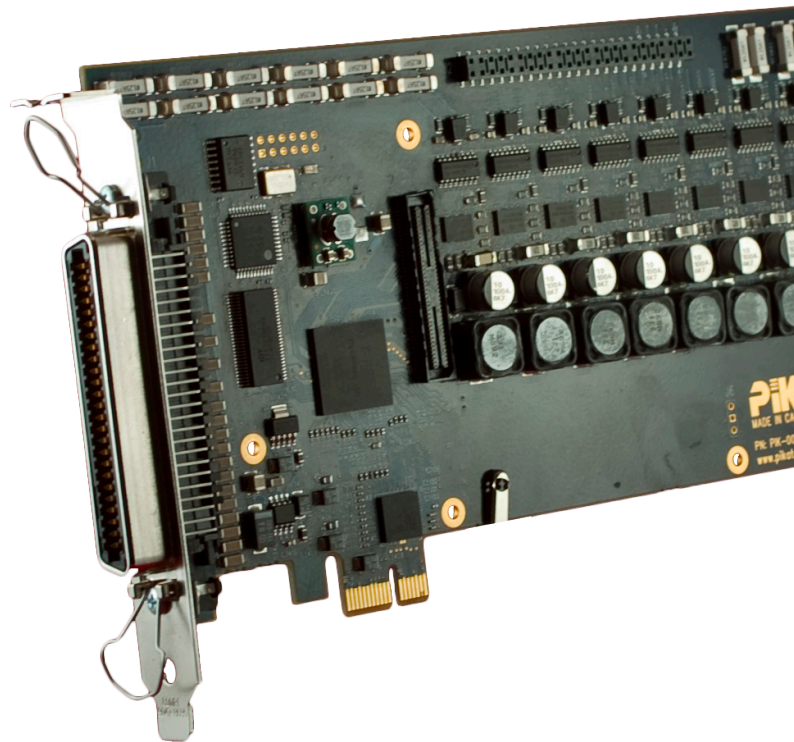
Analog Station FXS/PCIe Boards HMP



PIKA Analog Station FXS Boards provide up to 12 analog station ports. Highly flexible, they are software-configurable for use in multiple countries.

This 9.5 inch board features the PCI Express format, and will easily integrate into a PC chassis. Media processing is performed using PIKA's Host Media Processing (HMP) software resources.

PIKA Analog Station FXS Boards, PIKA MonteCarlo SDK with HMP processing represent a complete and scalable set of reliable building blocks for the development of feature-rich communications solutions.



Key Features

- Single slot PCIe card
- Only 9.5 inches long
- Available in densities ranging from 4 - 12 analog phone line circuits (software license enabled) in 4-port increments
- Available in a hybrid FXS/FXO configuration by adding a 4 or 8-port analog trunk (FXO) module
- Superior host-based echo cancellation and RTP packetization available (suitable for analog to IP gateway applications)
- Advanced host-based media processing capabilities includes voice, tone and conferencing
- Low latency host-based switching between PIKA's HMP boards
- Windows and Linux development environments via PIKA's low and high level APIs
- No external power supply needed for Ring Voltage

Technical Specifications

PCIe Bus Interface	Based on PCIe revision 1.0a specifications	
PCIe Bus Speed	2.5 GHz, single lane link	
Memory Address Allocation	Automatically assigned by Plug and Play cycle	
Interrupts Allocation	Automatically assigned by Plug and Play cycle	
Slot Requirements	PCIe 9.5" slot	
Dimensions (Metric)	241 mm L x 98 mm H	
Dimensions (Imperial)	9.5" L x 3.875" H	
Power Requirements	Power consumption from 12V rail	4.7 W
	Power consumption from 12V rail	13W
	Peak Current from 12V rail	2.7A
Environment Requirements	Operating Temperature	0 °C to +60 °C
	Storage Temperature	-20 °C to +85 °C
	Humidity, Non-condensing	5% to 95%
	Mean Time Between Failure (MTBF)	35 years
Telephony Interfaces	FXS Analog Interfaces	4 - 12 analog station ports
AC Impedance (in audion band)	Off-Hook	600 ohms or TBR21 complex impedance
	Return Loss	>30 dB
DC Feed	Open Loop Voltage	48V
	Constant Loop Current	20 mA
	Max Loop Length	4kft
REN	1	

Note: All dimensions are approximate and do not include board faceplate and RJ-21 connector. Proper system cooling, which will vary based on system design, is required to maintain an acceptable operating temperature.

RoHS

All PIKA boards are RoHS compliant.

Warranty

PIKA provides a 3-year warranty on all boards.

About PIKA Technologies

Since 1987, PIKA Technologies has pioneered technology and products that enable global telephony, fax and communications solutions. PIKA's offerings include telephony appliances, board-level TDM products, mobile PBX, media gateways, end user applications, smartphone apps and custom telecom development services. Known for exceptional voice quality, reliability and renowned customer service, PIKA enables developers, system integrators and businesses worldwide to take full advantage of advanced communication solutions. This includes products that support innovation in legacy and emerging telephony models, as well as solutions that bridge the path from TDM to VoIP and services in the cloud.

With customers in more than 35 countries and numerous product and technology awards to its name, PIKA has ranked in the Branham300 – an authoritative ranking of successful Canadian high-tech firms – for 11 consecutive years.

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