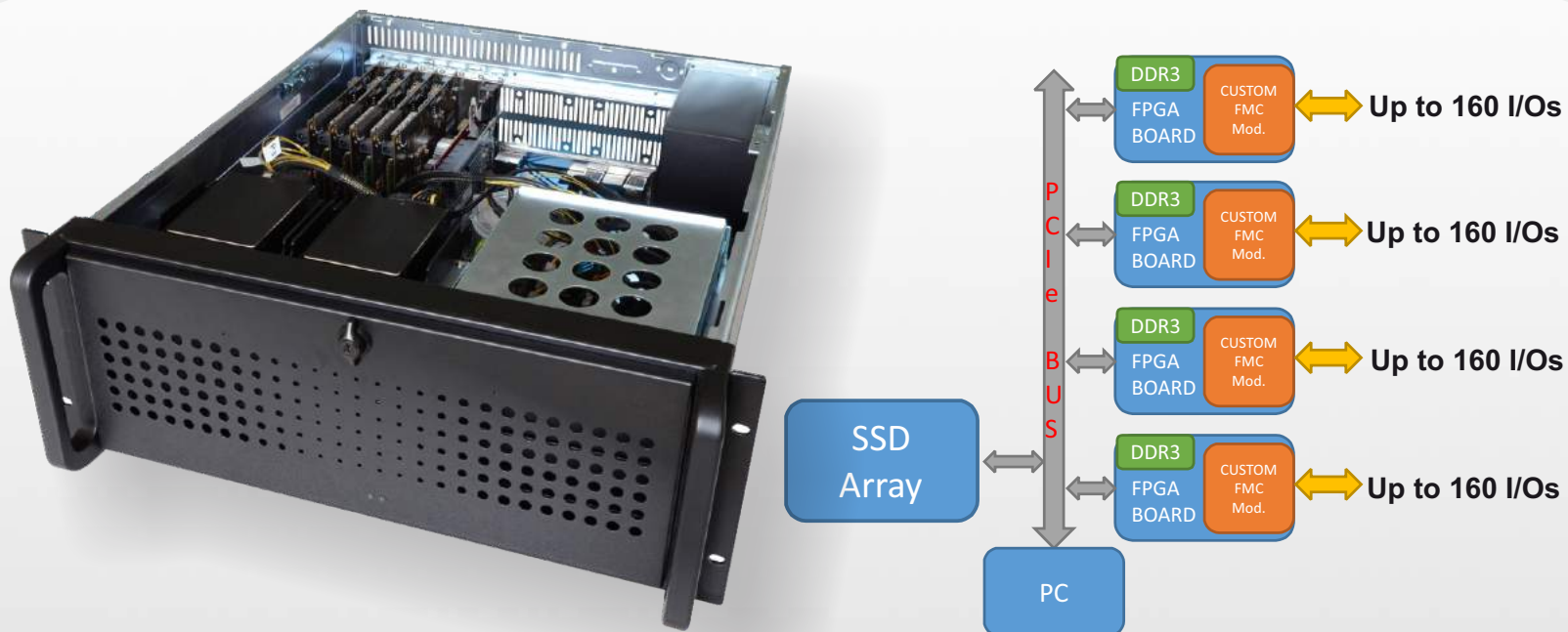


RPX SERIES - Rackmount Recording & Playback System

16 Tbyte - 4GB/s Multi-Channel



- Based on PCIe boards (Xilinx Kintex 7 FPGA) with customizable mezzanine FMC module
 - 640 channel I/O interface
 - 16 GB local DDR3 memory
- Up to 16 TB solid state disk storage array
- **> 4GB/s Continuous Transfer Rate** between FPGA boards and SSD storage array
- Multi Chassis Synchronization **up to 8 Systems:**
 - 5120 Channels
 - 128 TB Storage Capacity
 - **> 32GB/s Continuous Transfer Rate**



AT-RPX SERIES RACKMOUNT RECORDING & PLAYBACK SYSTEM

16 TB solid state disk storage array
>4 GB/s continuous transfer rate

TERABYTES OF CONTINUOUS DATA

RPX Series, Rackmount Recording and Playback system combine a powerful platform capable to acquire, storage and generate huge amount of data and a scalable system in terms of number of channels and performance.

The compact and robust rack mount form factor makes the RPX Series the ideal platform for innovative projects in the field of big physics, space and radar applications.

The architecture of the platform is designed to guarantee the data transfer and the synchronization between the modules of the same chassis and chassis to chassis.

The system has been fully developed in Europe and can be distributed and fully supported by Active Technologies all around European Union free of export license issues.

APPLICATIONS

- Big Physics
- Space, radar and satellite communications
- Spectrum monitoring
- Packet sniffing
- Wireless receiver design, validation and verification
- Digital Video Broadcasting BER tests



About Active Technologies

Active Technologies is an Italian company expert in semiconductor test equipment and electronic instrumentation design.

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KEY FEATURES

- 640 Channels I/O Interface
- 16 GB local DDR3 memory
- 16 TB solid state disk storage array
- >4 GB/s continuous transfer rate
- Multi Chassis Synchronization up to 8 Systems:
5120 Channels,
128 TB Storage Capacity,
>32 GB/s Continuous Transfer Rate