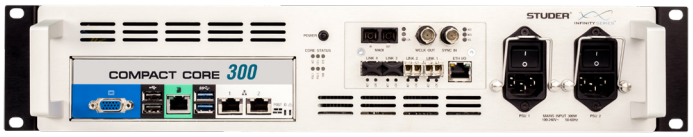
Compact Infinity Core

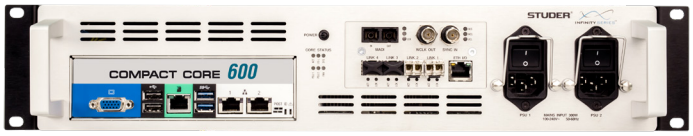
Ultra-Compact Mixing Processor

When global live productions require increased processing power from space-conscious locations, the Studer Infinity Compact Core Series delivers. The Compact Core's 2HU rack height is ideal for OB-Vans and other applications where space may be limited but standard Infinity Core features like 100% redundancy protection are important and often required.

Studer 'Infinity Core' technology leverages standard IT components to create the ideal flexible, future-ready backend audio signal processing solution. Capable of processing high channel counts in a CPU-based engine, Infinity Core technology provides a scalable system, with faster development of new signal processing designs, huge channel counts, and full system redundancy.

In combination with Studer's A-Link digital audio interface, Infinity Compact Core solutions enable the use of significantly higher density I/O solutions, utilizing up to 4 A-Link interfaces, each with 1536 I/O capability and provides unrestricted distribution of I/O frames over long distances where required. Infinity Compact Core also includes sophisticated redundancy by running two sample-locked cores in parallel in master and slave modes with auto fail-over switching, without the slightest audible disturbance. Available with 300 or 500 MEQ (recommended MEQ count for Compact Infinity Core 600) channels, the Studer Infinity Compact Core delivers unprecedented capacity with superb sonic quality, in an extremely
compact footprint.





Features

- Infinite processing power as defined by Moore's Law (Gordon Moore, co-founder of Intel postulated that every two years, there will be a doubling of the number of transistors per square inch on dense integrated circuit boards. We are seeing the effects of this with our latest Infinity Core Processors, increased power at a competitive price.
- Scalability of audio signal processing with minimal re-engineering of the processing core
- No need to redesign processing cards with new DSP- or FPGA-chip generation
- Full Studer Infinity Core redundancy supported with seamless Core switching
- 4 x A-Link ports to support up to 6144 Inputs & Outputs (bi-directional)
- 60'000 summation nodes which deliver 768 Mix-Busses
- MADI I/O port (optical) for desk monitoring connection when running in non-redundant Core setup
- 2 HU high and below 470mm depth
- Available with 300 MEQ Channels (Compact Infinity Core 300) and 500 MEQ (recommended MEQ count for Compact Infinity Core 600)
- Fully user configurable configuration of channel formats, processing and bus-structure
- Redundant power supplies

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Compact Infinity Core

Infinity Core-supported Consoles

Vista X

- Features Vistonics and FaderGlow and provides control of 800 or more audio DSP channels and more than 5,000 inputs/outputs.
- Available in 32-, 42-, 52-, 62-, and 72-fader versions.

Vista V

- Powerful, dependable and flexible broadcast audio mixing solution in compact form factor.
- Features Vistonics and FaderGlow for an intuitive and stress-free operator experience.
- Available in 32-, 42-, and 52-fader versions.

Vista Compact Remote

- Ideal as a slave or secondary desk, provides full control and use with all Vista consoles.
- Control surface includes 12 motorised Penny&Giles faders, 40 channel rotary controls, a touch pad and a slide-in keyboard.