



Thunderbolt™ LSlot expansion card for Lynx Aurora and Hilo converters

The LT-TB is an LSlot expansion card for the Aurora 8, Aurora 16, Aurora 16-VT and Hilo converters that allows daisy-chaining of up to six devices using the Thunderbolt port on Mac and PC Computers

Lynx Studio Technology announces the LT-TB Thunderbolt LSlot interface for its Aurora and Hilo converters. The LT-TB is a two-port Thunderbolt expansion card that supports daisy-chaining Aurora and Hilo converters and other certified Thunderbolt devices on Apple and Windows computers. The LT-TB and accompanying Aurora and Hilo models are the first Thunderbolt audio devices certified for Windows as well as Mac.

The LT-TB LSlot card can be installed into any existing Hilo or Aurora with an easy and free firmware update. In addition, Lynx is making Thunderbolt equipped Aurora and Hilo models available at the same time. These models are:

- Hilo-TB in Black and Silver
- Aurora 16-TB
- Aurora 16-VTTB (variable trim model)
- Aurora 8-TB

The LT-TB, in development for over a year, uses Intel's Cactus Ridge second-generation Thunderbolt controller. This device allows for a more robust design electrically. Similar to other Lynx products, LT-TB incorporates an FPGA for audio mixing and control functions that can be easily updated in the field. Months of in-house testing along with support from Apple and Intel insure that LT-TB works well with any other certified Thunderbolt product on the market.

Whereas some earlier Thunderbolt equipped converters are limited to two units and 32 analog channels, the LT-TB can be used in a chain of up to 6 Aurora converters for up to 96 analog channels, plus 96 digital channels on one Thunderbolt port. So theoretically, the upcoming 6 port Mac Pro could deliver up to 1,152 channels.

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Availability and Models

LT-TB: Thunderbolt connectivity for any Lynx Hilo or Aurora converter

Aurora 8-TB: Aurora 8 with LT-TB preinstalled

Aurora 16-TB: Aurora 16 with LT-TB preinstalled

Aurora 16VT-TB: Aurora 16VT with LT-TB preinstalled

Hilo-TB: Hilo with LT-TB preinstalled

- Available in Silver or Black

The Thunderbolt protocol allows up to six devices and one display to be connected to the computer on a single Thunderbolt port. So in addition to Lynx converters, you can have external drives, displays, expansion chassis and so on. The LT-TB has two Thunderbolt ports, which allows this daisy chaining of devices.

Thunderbolt technology is very robust and user-friendly. The LT-TB and other Thunderbolt devices can be hot-plugged and unplugged, allowing Aurora, Hilo or other Thunderbolt device to be added without needing to reinstall drivers or resetting anything. It is all automatic.

According to Intel, the developer of Thunderbolt, "Thunderbolt delivers unparalleled performance, flexibility and simplicity to personal computing," said Jason Ziller, Intel's director of Thunderbolt Marketing, "Products like the Lynx LT-TB LSlot interface help highlight what Thunderbolt makes possible."

Thunderbolt technology is the fastest connection to your PC at 10Gbps – in each direction, and at the same time. This is twice the speed of USB 3.0. Thunderbolt provides flexibility and simplicity by connecting up to six data and display devices in a daisy-chain.

All are available starting November 2013.

F E A T U R E S

- Thunderbolt expansion card for Aurora and Hilo converters
- Thunderbolt certified for Windows and Mac
- Extremely low latency
- Up to 16 total analog and 16 digital I/O channels per LT-TB equipped Aurora 16 or Aurora 16 VT
- Up to 8 total analog and 8 digital I/O channels per LT-TB equipped Aurora 8
- User upgradable FPGA adds enhanced 64 x 32 mixing when installed in Aurora
- Up to 32 I/O channels per LT-TB equipped Hilo
- Supports full channel count at sample rates up to 192 kHz
- Supports hot unplug and plug
- Uses standard Thunderbolt cabling, including optical (not included)
- Optional power supply available for connecting bus-powered Thunderbolt devices
- Allows daisy-chaining of multiple Aurora and Hilo converters and other authorized Thunderbolt devices
- ROHS compliant
- Designed and manufactured in the USA by Lynx Studio Technology

Host Interface	Lynx proprietary LSlot™ Interface:
Size	400 Mbps bi-directional
EMI Certifications	3.0" H X 5.0" W X 0.75" D
Shipping Weight	FCC and CE
	1 pound