DESCRIPTION

The ADLSEC-1710 board is designed for convenient expansion of the ADLE3800SEC Bay Trail Atom SBC via its edge-connect architecture. The ADLE3800SEC plus ADLSEC-1710 L-peripheral combined provide a complete 3.5" SBC solution with a host of expanded features including M.2 PCIe, SATA, DVI/DP/HDMI or USB3.0, UPS option, and more.

As part of a customer product portfolio, the ADLE3800SEC and ADLSEC-1710 allows for a single processor, BIOS, firmware, and customer software across products from small, compact ADLE3800SEC solutions to more complex 3.5" sized solutions.
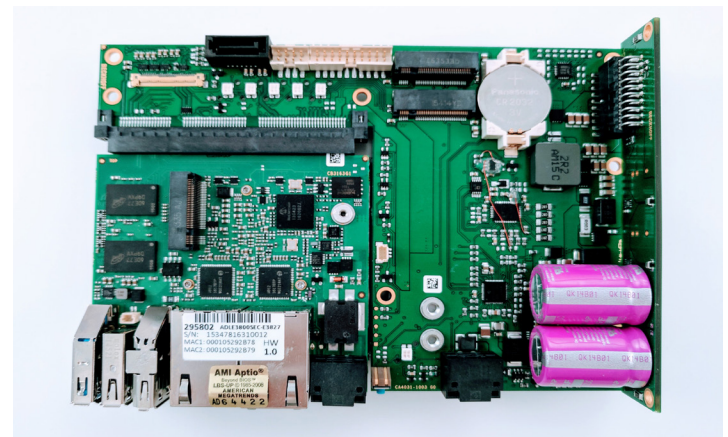
For further information, please contact our sales engineering team: sales@adl-usa.com

TECHNICAL SPECIFICATIONS

ADLSEC-1710 FEATURES	FUNCTIONS
Dimensions	3.5" SBC Footprint: 145mm x 102mm (5.7" x 4.0")
Operating Temperature	-40C to 85C
PCIe Expansion	Two PCIe X1 M.2 Key B Sockets with USB2.0: 2280 and 2260. No SATA.
UPS Option	50 mWh UPS Battery module; -40C to 65C Estimated Capacitor Lifetime = 10yr@25C or 1500hr@65C.**
IPEX Connector	1x Displayport or HDMI or DVI or USB 3.0*
SATA	1x SATA II (3 Gb/s)
GPIO	16 bit GPIO; PCA9535BS Controller; Non-Interrupt
Power	Vin = 20V to 30V with Power Reset Button
Battery	3V Circular CR2032 Socket
LED	1x Front CPU Status 1x Rear Power Status 1x Rear UPS Status 3x Rear Programmable LEDs Note: LED light-pipe options for front panel indication available for both front and rear LEDs.

Shown: ADLSEC-1710 with ADLE3800SEC CPU and UPS Option.

ORDERING INFORMATION

ITEM CODE	PART #	DESCRIPTION
ADLSEC-1710		3.5" SBC-Sized Expansion board for ADLSEC SBCs.
ADLSEC-UPS50		50 mWh UPS Battery Option; -40C to 65C.
ADL-LP1		Front LED: Snap-on Panel Indicator.
ADL-LP2		Rear LED: Long,flexible light-guide for Front Panel Indicator.

*Not available on all mating SBCs.

**Highly dependent on temperature and charge/discharge cycles.

Data subject to change without notice.

ADL Corporate: 4411 Morena Blvd. Suite 101 | San Diego, CA 92117-4345

T: 855.727.4200 (toll free)
sales@adl-usa.com

F: 858.490.0599
www.adl-usa.com