Embedded Solutions

IoT Gateway

ADLIGW-1600 IoT-Ready Industrial Gateway

Features

- Intel Atom E3800-3845 Quad, Intel Atom E3800-3827 Dual
- Up to 8GB DDR3L 1333MHz; 2x 204 SODIMM Sockets
- 3x Gbit LAN; Intel i210
- 4x USB2.0, Optional 1x USB 3.0
- Optional 802.11 WiFi
- Optional 1x 2.5" SATA SSD (3Gbit/s)
- Optional 1x M.2 Key-B 2242 SATA; Up 64GB
- Expansion: 1x M.2 Key-B 2280 with 1x PCIex1
- -20C to +70C Standard, Optional -40C to +85C
- Voltage Input = 18V - 36V
- Mounting: Din Rail; VESA; Bottom Mount

Ordering Information

Item Code	Part #	Description
ADLIGW-1600-E3845		Intel E3845; QC, 1.91 GHz, 2MB, -20C to 60C
ADLIGW-1600-E3827		Intel E3827; DC, 1.75 GHz, 1MB, -20C to 60C
ADLIGW-1600-E3845EXT		Intel E3845; QC, 1.91 GHz, 2MB,
ADLIGW-1600-E3827EXT		Intel E3827; DC, 1.75 GHz, 1MB, -40C to 70C
Memory		
4GB DDR3L-1333/1600	997600	DDR3L-1333/1600MHz 4GB Standard Temperature
8GB DDR3L-1333/1600	997601	DDR3L-1333/1600MHz 8GB Standard Temperature
4GB DDR3L-1333/1600-EX	997602	DDR3L-1333/1600MHz 4GB Extended Temperature
8GB DDR3L-1333/1600-EX	997604	DDR3L-1333/1600MHz 8GB Extended Temperature
Options and Accessories		
	TBD	802.11 WiFi with external Antenna
Call for available options		M.2 Key-B 2242 SATA up to 64GB
Call for available options		2.5" SATA SSD (3Gbit/sec)
		USB3.0 Port

Description

The ADLIGW-1600 is based on Intel's E3800-series Atom processors which offer vastly improved compute performance and energy efficiency with integrated Intel 7th generation graphics engine for stunning graphics performance. The ADLIGW-1600 features durable milled aluminum construction, and is aimed at Industrial IoT gateway applications where high mechanical stress or temperature extremes (up to -40C to +70C) are a consideration.

The ADLIGW-1600 features LAN and 802.11 WiFi cloud connectivity and USB 2.0, USB 3.0, and LAN I/O connectivity. Its wide input power range (20V to 36V) make it ideal for a broad range of industrial settings. It helps bring the benefits of Industrial IoT, increased productivity, energy efficiencies and predictive failure analysis, to many rugged areas previously neglected. Targeted vertical markets include factory automation, transportation, alternative energy, oil and gas, and any demanding mobile computing applications in harsh environments.

Industrial IoT, with its vast network of equipment and sensors connected to the cloud is being deployed at an ever increasing rate and reaching further into many more rugged environments than ever. The ADLIGW-1600 is well suited for this purpose and its superior graphics make it ideal for IoT applications that require local HMI.

Data subject to change without notice.

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