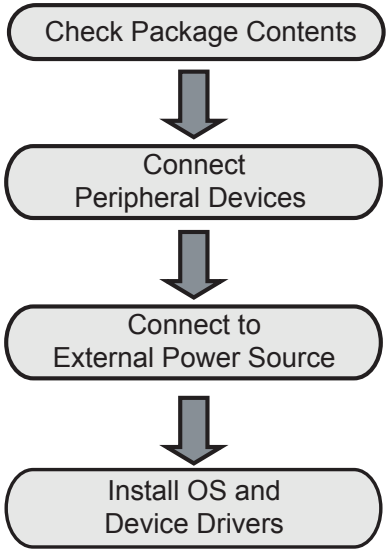
MXE-5500
Fanless Embedded System

Getting Started



Package Contents

Your package should contain:

- MXE-5500 controller
- Wall-mount bracket (in Accessory Box)
- Screw pack for wall-mounting and HDD fixing (in Accessory Box)
- Quick Start Guide (this document)

Features

- 6th Gen Intel® Core™ i7/i5/i3 Processors and QM170 chipset
- Single-side I/O with two SATA drive bays for easy drive swapping
- 1x DVI-I, 2x DisplayPort, 4x USB 2.0, 4x USB 3.0, and 4x GbE ports
- 6x COM, 8x isolated DI/O, 2x SATA-III (6.0 Gb/s) ports, 2x mPCIe slots w/ USIM, and 1x M.2 2280
- Rugged construction with fanless -20°C to 60°C operability (w/industrial SSD)
- Built-in ADLINK SEMA® 3.0 management solution
- 230 (W) x 204 (D) x 90 (H) mm (9.06 x 8.07 x 3.5 in)
- 4 kg ((8.81 lb) weight

Power Consumption

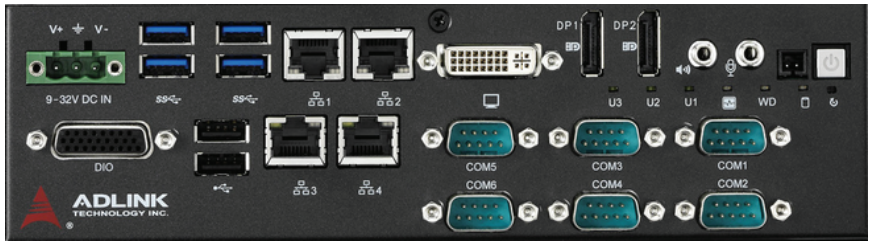
Power off	2.16W	In shutdown mode with DC input and only USB keyboard/mouse
System idle	13.44W	Under Windows Desktop with no application programs executed
Processor load full	47.04W	Under Windows with 100% CPU utilization and 2D/3D graphics load
System load full	92.4W	Under Windows with 100% CPU utilization and simultaneous access to all I/O devices
Recommended power supply	160W	With consideration of voltage de-rating under high environmental temperatures

Connecting to External Power

1. Connect the V+ and V- pins of a 9-32VDC 18-5A power source to a DC 3-pin connector
2. Connect the chassis ground pin if enhanced EMC compatibility is desired
3. Insert the DC 3-pin connector into the DC power supply connector port on the rear panel
4. Power up the system.

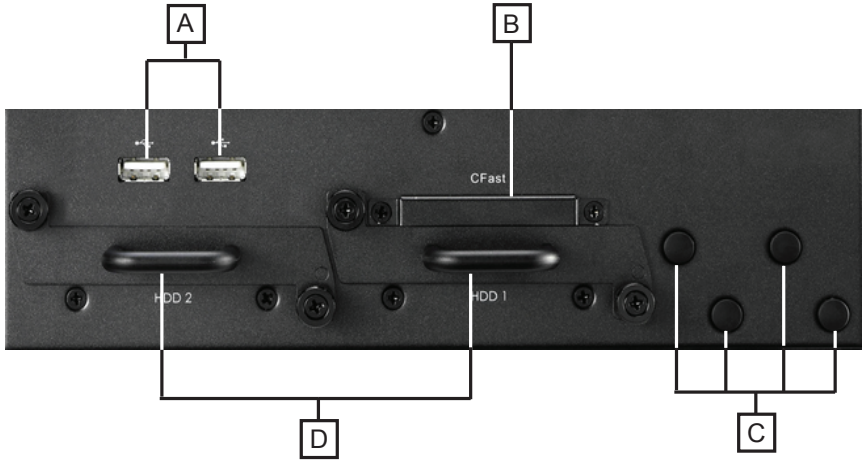
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I/O Array-Front



- Power
- Reset
- Power header
- LED indicators (x 6)
- Line-Out/Mic
- DisplayPort (x 2)
- DVI-I
- Intel Gigabit Ethernet (x 4)
- USB 3.0 (x 4)
- USB 2.0 (x 2)
- DB-26P digital I/O
- UART (x 6)
- DC power supply

I/O Array-Rear



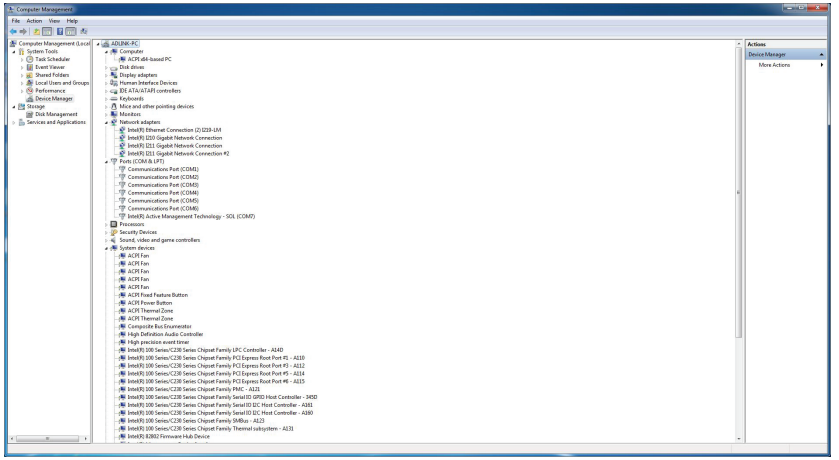
A	USB 2.0 (x 2)
B	CFast
C	Antenna connection plugs (x 4)
D	HDD/SDD Fast Plug trays (x 2)

Installing Device Drivers

1. After OS is installed, download the latest drivers from the ADLINK website:
   http://www.adlinktech.com/
   and run

2. Follow the installation instructions, and, when prompted, restart the computer

3. After restart, check the Device Manager and ensure that the entries as shown appear



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