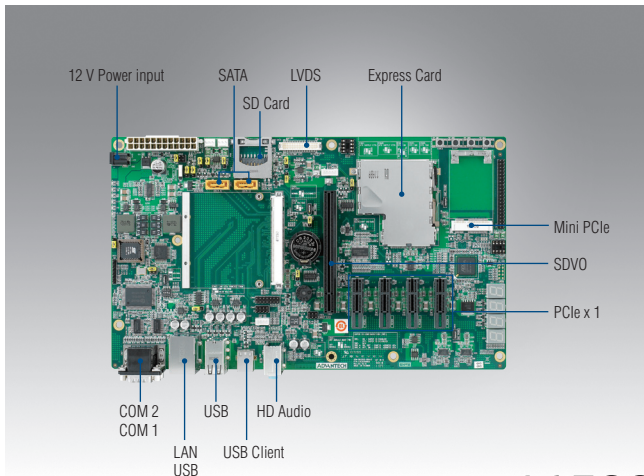


# SOM-DB3500

## Qseven Development Board



CE FCC

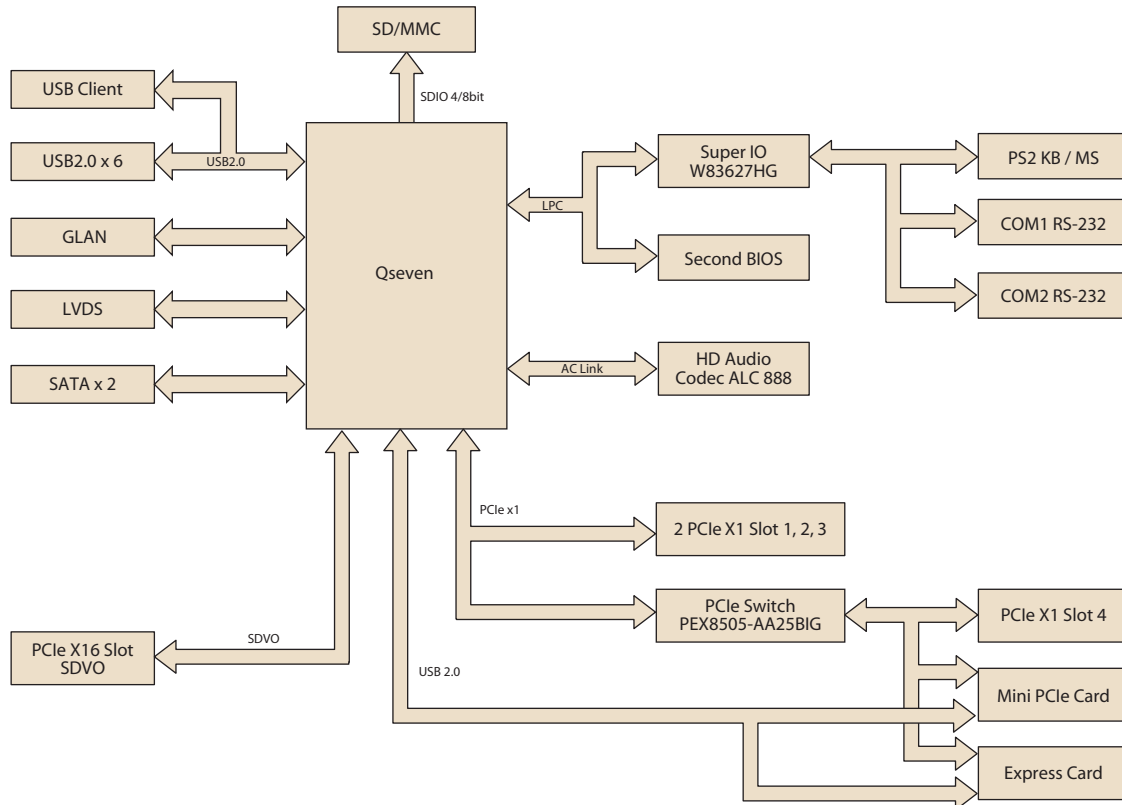
### Features

- Supports Qseven CPU Module
- Supports 24 bit LVDS TFT Panel
- Supports 1 PCIe x16 slot for SDVO, 4 PCIe x1 slot
- Supports 2 SATA, 2 COMs, 1 RJ-45, 6 USB 2.0 (with 1 USB client)
- HD Audio Codec

### Specifications

|                          |                     |   |
|--------------------------|---------------------|---|
| Compatible Modules       |                     | Advantech Qseven CPU Module Series (70 x 70 mm) |
| Display                  | SDVO                | Support one SDVO through PCIe x16 slot          |
|                          | LCD                 | 24-bit LVDS                                     |
| Ethernet                 |                     | 1 x Giga LAN                                    |
| Audio                    | Chipset             | High Definition Audio                           |
| Expansion                | SDVO Slot           | 1   |
|                          | PCIe x 1 slot       | 4   |
|                          | Express Card socket | 1   |
|                          | SD/MMC              | 1   |
|                          | Mini PCIe           | 1   |
| I/O                      | USB                 | 6 USB 2.0 (one is alternating with USB client)  |
|                          | USB client          | 1 (alternating with USB1)                       |
|                          | COM                 | 2 COM ports                                     |
|                          | SATA                | 2   |
|                          | KB/MS               | 1   |
|                          | System FAN          | 2   |
|                          | I2C                 | 1   |
| Power                    | Power Type          | ATX/AT modes                                    |
| Environment              | Operation           | 0 ~ 60° C (32 ~ 140° F)                         |
|                          | Operating Humidity  | 0% ~ 90% relative humidity, non-condensing      |
| Physical Characteristics | Dimensions          | 293 x 172 mm (11.5" x 6.75")                    |

## Board Diagram



## Ordering Information

| Part No.          | Description                                    |
|-------------------|--|
| SOM-DB3500G-00A1E | Development board for Qseven CPU Module series |

## Packing List

| Part No.   | Description                  | Quantity |
|------------|------------------------------|----------|
| -          | SOM-DB3500 development board | 1        |
| 1700008894 | SERIAL ATA cable 7P/7P 30 cm | 1        |