

### AS-C7A



### Features

- Intel® 6th Gen Core™ S-series and Xeon® Processor
- 4 x DDR4 DIMM 1866/2133 MHz up to 64GB
- Integrated CRT, DVI-I, DisplayPort, HDMI, LVDS for Triple display supports
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 4 x SATA3, 4 x USB2.0, 6 x USB3.0, 6 x COM, 1 x LPC, 1 x GPIO, 1 x SIM Slot, 1 x PS/2
- 1 x PCIE X16, 1 x PCIE X4, 1 x PCIE X1, 4 x PCI, 2 x MiniPCle
- Support Watchdog Timer
- Support 4K resolution
- Standard 24-pin ATX power supply and 4-pin 12V

### System

|                        |                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Processor</b>       | Intel® Skylake Core™ i7, i5, i3 S-series and Xeon® E3-1200 v5 Processor, FCLGA1151 package                                       |
| <b>Chipset</b>         | Intel® C236                                                                                                                      |
| <b>Memory</b>          | 4 x DDR4 DIMM 1866/2133 MHz up to 64GB, Support Non-ECC, unbuffered memory only<br>(Xeon® E3-1200 v5 Product support ECC memory) |
| <b>Watchdog Timer</b>  | Generates a system reset with internal timer for 1 min/s ~ 255 min/s                                                             |
| <b>Real Time Clock</b> | Chipset integrated RTC with onboard lithium battery                                                                              |
| <b>Expansion</b>       | 2 x MiniPCle (support mSATA),<br>1 x Sim slot<br>1 x PCIE X16 slot, 1 x PCIE X4 slot, 1 x PCIE X1 slot<br>4 x PCI slot           |

### Graphics

|                          |                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------|
| <b>Chipset</b>           | Intel® 9th Gen integrated HD Graphics<br>(Some Xeon® E3-1200 v5 Product CPU not support) |
| <b>Display Interface</b> | 1 x DVI-I, 1 x DisplayPort/2nd VGA, 1 x LVDS (Note1)<br>1 x VGA, 1 x HDMI                |

### LAN

|             |                                                                                            |
|-------------|--------------------------------------------------------------------------------------------|
| <b>Chip</b> | 1 x Intel® I219-LM Gigabit PHY LAN<br>(Support iAMT11.0)<br>1 x Intel® I210-AT Gigabit LAN |
|-------------|--------------------------------------------------------------------------------------------|

### I/O

|                     |                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serial ATA</b>   | 4 x SATA3                                                                                                                                                              |
| <b>Audio</b>        | Realtek ALC262 HD Audio                                                                                                                                                |
| <b>Internal I/O</b> | 4 x SATA3, 4 x RS232, 4 x USB2.0, 2 x USB3.0, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x GPIO, 1 x Audio, 1 x PS/2, 1 x SMBUS, 1 x CRT, 1 x VGA<br>1 x 2nd VGA(optional) |
| <b>Rear I/O</b>     | 1 x DisplayPort(optional), 1 x DVI-I, 1 x HDMI, 4 x USB3.0, 2 x LAN, 1 x RS232/422/485, 1 x RS232, 1 x Audio.                                                          |

### Mechanical & Environmental

|                          |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| <b>Power Requirement</b> | Standard 24-pin ATX power supply and 4-pin 12V                                   |
| <b>Size</b>              | 307mm x 244mm (L x W)                                                            |
| <b>Temperature</b>       | Operating within 0°C~60°C (32°F~140°F)<br>Storage within -20°C~80°C (-4°F~176°F) |
| <b>Relative Humidity</b> | 10%~90%, non-condensing                                                          |

### Ordering Code

|                    |                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>AS-C7A:</b>     | With Skylake i7, i5, i3 S-series and Xeon® E3-1200 v5 Processor, support HDMI, LVDS, VGA, DVI-I, DP                        |
| <b>AS-C7AT:</b>    | With Skylake i7, i5, i3 S-series and Xeon® E3-1200 v5 Processor, support HDMI, LVDS, VGA, DVI-I, 2nd VGA (if add ADP-3355) |
| <b>ADP-3355:</b>   | Display port to VGA                                                                                                        |
| <b>ADP-3355NB:</b> | Display port to VGA, without bracket                                                                                       |

**Note1:** Onboard 18/24-bit single/dual channel +3.3V/ +5V/ +12V LVDS