

# EPC-B5586

## Embedded System with 4 PCIE Expansion Slots



### Features

- 4U Embedded System for Micro-ATX motherboard
- Up to 4 PCIE Expansion Slots
- Up to 6 Shock Resistant 2.5" drive bays
- To accommodate 700W or 1200W PSU for different applications
- Server Grade CPU for High-end Computing
- Plentiful IO Ports for Various Applications

### Specifications

Model Name	EPC-B5586	
Motherboard	96960586900 AIMB-586WG2-00A1E	
Computing	CPU	E-2176G, E-2278GE i7-8700, i7-9700E i5-8500, i5-9500E i3-8100, i3-9100E
	Chipset	C246
	UDIMM	4
	Storage Bay	6 x 2.5" SATA Storages
Front IO	Power switch	1
	LED	1 Power-On LED 1 Power LED 1 HDD LED 2 LAN LED
	Power remote Jack	1 2.5Ø Jack
	USB Type-A	2 USB3.2 Gen2 x1 2 USB2.0
	SLIM ODD Bay Slot	1, option (NOT to apply to any vibration & shocks)
	Rear IO	Display ports
USB		4 USB3.2 Gen2 x1 4 USB2.0
Serial port		1 COM port or 5 COM ports
LAN		2 RJ45 GbE LAN1: Intel I219LM, LAN2: Intel I210
Audio		1 Mic-in, 1 Line-out
Power Supply	700W, 1200W ATX PSU	96PS-A700WPS2B A/D 100-240V 700W PS2 ATX 80+Bronze 62368
		96PS-A1K2WPS2G PS/2 A/D 100-240V 1200W ATX GOLD 62368
PCIE Expansions for AIMB-586WG2-00A1E	1 PCIE x8	
	1 PCIE x8	
	1 PCIE x4	
	1 PCIE x1	
PCIE Expansions for 96960586900	1 PCIE x16	
	1 PCIE x4	
	1 PCIE x1	

## Specifications (Cont.)

Environmental Conditions	Operating Temperature	0 ~ 40°C w/o GPU card 0 ~ 35°C w/ GPU card
	Non-operating Temperature	-20 ~ 60°C
	Humidity	10 ~ 95% @ 40 °C, non-condensing
	Vibration (5 ~5 00Hz) (Tested with 6 x 2.5" SSD & 4U Type)	3Grms w/o GPU card 1Grms w/ GPU card
Dimensions (W x H x D)	Dimensions (W x H x D)	380 x 176 x 467 mm
Certification	EMC / Safety / Certifications	CE & CB / FCC / CCC / UL / BSMI (Certified w/o any add-on cards)

## Ordering Information

Model PN	CPU	GPU Card	PSU	Chipset	UDIMM 288-Pin Slot	2.5" SATA Bay	Front IO			Rear IO					Expansion					
							USB3.2 Gen1 Type-A	USB2.0 Type-A	Display Port	HDMI1.2	GbE	USB3.2 Gen2	USB 2.0	COM	PCIE x8	PCIE x8	PCIE x4	PCIE x1	PCIE x16	
EPC-B5586-AC0E600	E-2176G	RTX-3080	1200W	C246	64G (16G*4)	6	2	2	2	2	1	2	4	4	1	NA	NA	1	1	1
EPC-B5586-AB00000	NO	NO	700W	C246	4	6	2	2	2	2	1	2	4	4	1	NA	NA	1	1	1
EPC-B5586-AB10000	NO	NO	700W	C246	4	6	2	2	2	2	1	2	4	4	5	1	1	1	1	NA

\* RTX-3080 product life cycle will depend on the NVIDIA policy, and it should be considered separately.

### Front View



### Rear View

