



Ordering Information

Part Number	Chipset	Memory	USB 3.1	USB 2.0	DP	HDMI 1.2	eDP/(LVDS)	SATAIII	PCIe x16/PCIex8	PCIe x4	PCIe x 1	COM	TPM	GbE LAN	M.2 (M key)	M.2 (E key)
AIMB-586QG2-00A1E	Q370	Non-ECC	6	6+(2)***	2	1 **	1/(1)	6	1/0	1	1	6	(1)	2+(2)	1	1
AIMB-586WG2-00A1E	C246	ECC/Non-ECC	6	6+(2)***	2	1 **	1/(1)	8	1/0	1	1	6	(1)	2+(2)	1	1
AIMB-586L-00A1E	H310	Non-ECC	0	8+(2)***	2	1	0/(1)	4	1/0	1	0	2	(1)	1	0	0

*() BOM options available on MP version.
 ** HDMI 1.2 colay HDMI2.0(BOM option)
 *** there is BOM option with added USB 2.0 from controller IC, only support in QG2, WG2 sku

Riser Card

Part Number	Description
AIMB-RF10F-01A1E	1U riser card with 1 PCIe16 expansion

Packing List

Part Number	Description	Quantity
1700003194	SATA HDD cable	2
1700022749-13	SATA power cable	2
TBD	I/O port braket	1
TBD	Startup manual	1

I/O View



Optional Accessories

Part Number	Description
1700020277-01	Dual port USB 3.0 cable 30cm with IO bracket
1960047669N001	LGA1156 CPU cooler for 4U and wallmount chassis, for CPU TDP ≤ 84W, 4.72" (W) x 4.72" (L) x 3.03" (H)
1960047831N001	LGA1156 CPU cooler for 2U and backplane version of chassis, for CPU TDP ≤ 65W, 3.27" (W) x 3.27" (L) x 2.17" (H)
1960052651N021	LGA1155 CPU for cooler 2U and backplane version of chassis, for CPU TDP ≤ 65W, 3.54" (W) x 3.54" (L) x 2.68" (H)
1960053207N001	LGA1155 CPU cooler for 2U and wallmount chassis, for CPU TDP ≤ 45W, D=3.66"(W) x 3.66"(L) x 1.81"(H)
1700018699	PS/2 KB/MS cable (KMBS1) 1*6P-2.5/M-DIN 6P(F)*2 25cm
1700000447	1-to-4 serial ports cable kit, 45cm
1701400181	1-to-4 serial ports cable kit, 18cm
1700026163-01	COM2, 1 to 1 COM cable 60cm (IDE 10P-2.0) w/ Bracket
TBD	1U IO bracket for chassis ACP-1010MB & HPC-7120S (should order screws separately)

Note: Purchasing AIMB-586's proprietary CPU cooler from Advantech is a must, other CPU cooler are NOT compatible with AIMB-586.
 The complete thermal solution is composed of CPU cooler and system fans for the CPU TDP as above.
 Note: screws P/N:
 1933030500 for ACP-1010MB, 1930004607 for HPC-7120S

Embedded OS/API

OS/API	Part No.
win10 IoT Ent	TBD