



## Product Change Notification

Date:11/06/2019

### Introduction:

Advantech is announcing the product change of the following part number. Should you have any issue with the timeline or the content of this change, please contact Advantech representatives for your geographic location immediately. The change will be implemented pursuant to the key milestones set forth below.

### Title: AIMB-275 revision change

The function in the rear I/O of A2 version is different than A1 version. A2 version had removed VGA and changed COM1 from the D-SUB in rear I/O to the internal BOX header.

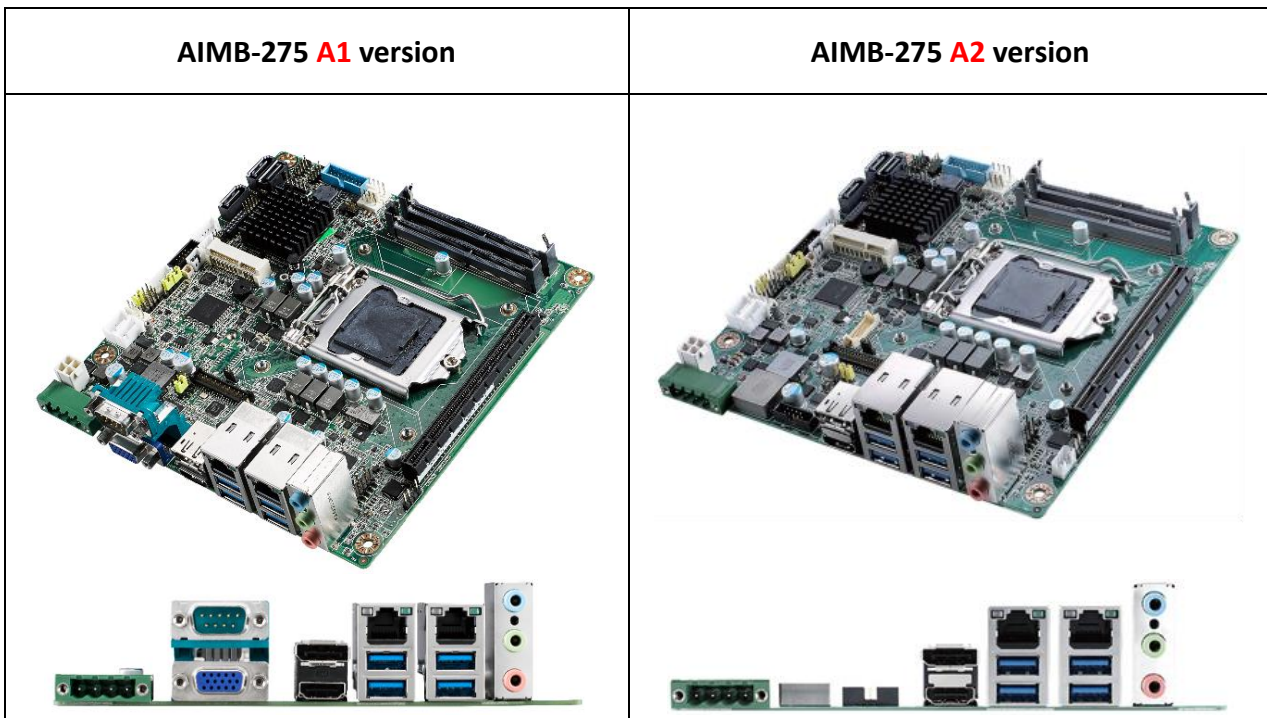
### Description Of Changes:

Advantech is announcing to cut in the AIMB-275 A2 version to upgrade the M.2 SSD 1TB capacity supported, enhancing to support up to 75W PCIe x16 device from the 48W of AIMB-275 A1 under DC in range from +19V to +24V; In order to implement these functionality enhancements based on the limited space on the AIMB-275, AIMB-275 A2 has SPEC design changed to reserve the space by removing VGA in rear I/O, and changing the COM1 from the D-SUB in rear I/O to the internal BOX header. We had finished the AIMB-275 A2 functionality, quality and compatibility test already, planning to cut into the new A2 version from Q4, 2019.

### Affected Products:

Now version Advantech PN	Model Description	New version Advantech PN	Model Description
AIMB-275G2-00A1E	miniITX LGA1151 VGA/DP/HDMI/PCIex16/2GbE, RoHS	AIMB-275G2-00A2E	miniITX LGA1151 DP/HDMI/PCIex16/2GbE, RoHS
AIMB-275VG-00A1E	miniITX LGA1151 VGA/DP/HDMI/PCIe/1GbE/2COM/Q170, RoHS	AIMB-275VG-00A2E	miniITX LGA1151 DP/HDMI/PCIe/1GbE/2COM/Q170, RoHS
AIMB-275L-00A1E	miniITX LGA1151 VGA/DP/HDMI/PCIe/1GbE/2COM/H110, RoHS	AIMB-275L-00A2E	miniITX LGA1151 DP/HDMI/PCIe/1GbE/2COM/H110, RoHS

**Show out the difference change by photos:**



**Milestone:**

Milestone	Definition	Date
Announcement Date	The publication date of this notice.	<b>11/06/2019</b>
Cut in Schedule	The schedule Advantech will start to implement the change in mass production for new order.	<b>11/30/2019</b>
A1 version Last Order Date	To place last order by the deadline date.	<b>04/30/2020</b>
A1 version Last Shipment Date	Will settle AIMB-275 A2 inventory.	<b>07/30/2020</b>

**Possible Impact and Suggestion to Users:**

1. No immediate risk on the A1 version, please switch to A2 based on the quality assurance.
2. If order AIMB-275 A1 is still needed, please confirm the PCIe x16 slot maximum loading will not exceed 48W; contact with Advantech Sales Manager & PSM for AIMB-275 A1 T-PN ordering condition.
3. For standard model, new product name would be changed as below table.

Original Product name	New Product name
AIMB-275G2-00 <b>A1E</b>	AIMB-275G2-00 <b>A2E</b>
AIMB-275VG-00 <b>A1E</b>	AIMB-275VG-00 <b>A2E</b>
AIMB-275L-00 <b>A1E</b>	AIMB-275L-00 <b>A2E</b>

PM: Carey. Wu

Date: 11/06/2019