



Product Change Notification

Date: Oct 2, 2018

Introduction:

Advantech is announcing the product change of the following part number. Should you have any issues with the time line or content of this change, please contact Advantech Representatives for your geographic location immediately. No response from customer will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth below.

Title: AIMB-216D/N/U/L/E revision change.

Affected Products:

Now version Advantech PN	New version Advantech PN	Model Description
AIMB-216D-S6A1E	AIMB-216D-S6A2E	Braswell QC1.6G MINI-ITX w/DVI-D, DP, HDMI, 2GbE
AIMB-216N-S6A1E	AIMB-216N-S6A2E	Braswell DC1.6G MINI-ITX w/DVI-D, DP, HDMI, 2GbE
AIMB-216U-S6A1E	AIMB-216U-S6A2E	Braswell DC1.04G MINI-ITX, DVI-D, DP, HDMI, 2LAN
AIMB-216L-S6A1E	AIMB-216L-S6A2E	Braswell QC1.6G MINI-ITX, DVI-D, LVDS, 1LAN
AIMB-216E-S6A1E	AIMB-216E-S6A2E	Braswell QC1.04G MINI-ITX w/DVI-D, HDMI, 1GbE

Description and purpose :

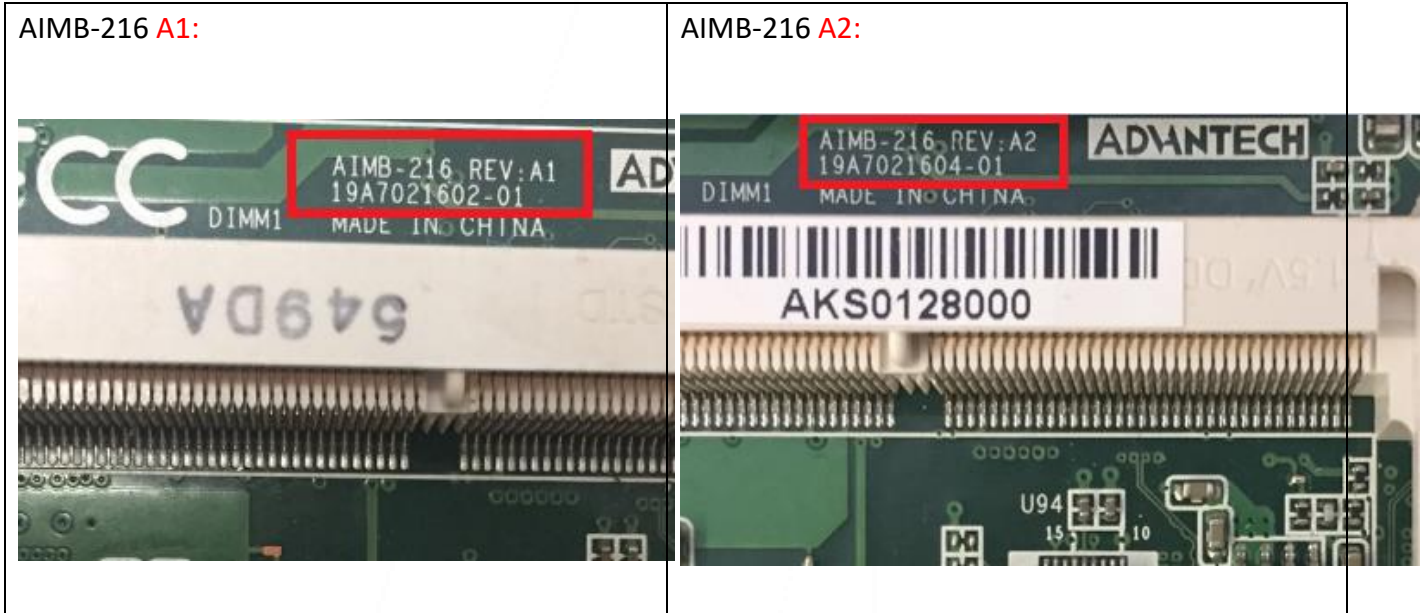
Advantech is announcing to cut in AIMB-216 A2 from October 2018 for below reason:

Due to Intel has identified varying results during product modeling of Embedded use conditions of the Intel Celeron Processor M3710, N3160, N3010 and the Intel Atom Processor x5-E8000. Models of the Low Pin Count (LPC) bus, Real Time Clock (RTC), and SD Card logic show a possible issue in outer years of service at a rate higher than Intel's quality goals. Intel recommends the adoption of updated design for LPC run at 1.8V. Therefore, AIMB-216 A2 changes the LPC design from 3.3V to 1.8V as Intel's suggestions.

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Mechanical Change

A) Show out the difference change item for AIMB-216 A1/A2 PCB



Customer impact of Change and Recommended Action :

- Impact of mechanical design: **No.**
- Impact of SUSI software: **No.**
- Impact of Image support: **No.**
- Impact of BIOS: **Yes, different BIOS support for A1 & A2.**
- Impact of environment characteristic: **No.**

Possible Impact and Suggestion to Users:

- Suggest customers to move AIMB-216 A1 to AIMB-216 A2.
- If older AIMB-216 A1 is still needed, please contact with Advantech Sales Manager & PSM for AIMB-216 A1 T-PN ordering condition.
- For standard model, new product name would be changed as below table.

Original Product name	New Prduct name	Status
AIMB-216D-S6A1E	AIMB-216D-S6A2E	M/P
AIMB-216N-S6A1E	AIMB-216N-S6A2E	M/P
AIMB-216U-S6A1E	AIMB-216U-S6A2E	M/P
AIMB-216L-S6A1E	AIMB-216L-S6A2E	M/P
AIMB-216E-S6A1E	AIMB-216E-S6A2E	M/P

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4. The existing A1 BIOS is not compatible with A2, customer need to either keep the old BIOS with A1 or change to new BIOS with A2.

PM: Vicki Tsai

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