



IIoT Product End-of-Life Notice (Update)

End of Life and Replacement Announcement

Dear Valued Customers:

For immediately release, Advantech is announcing the End of Life (EOL) of **some AIMB-7 motherboard P/Ns and some PCA/PCE/PCI CPU board P/Ns**. The relative replacing models are as below list. Customers who had purchased these Part Numbers should migrate to the new replacement models.

Product Part Numbers Affected by This Announcement

End of Life Product	Suggest Replacement Product	Sample & 1st-lot MP Available Date
AIMB-705G2-00A2	AIMB-705G2-00A3	<p>1. Inventories for new P/Ns' sample orders are available from Nov., 2022.</p> <p>2. 1st-lot MP inventories of the successor P/Ns are available from Jan., 2023.</p> <p>3. ITP for new P/Ns will be released by end of Jul., 2022. It's highly recommended to place orders to new P/N as soon as price is released.</p>
AIMB-706G2-00A2	AIMB-706G2-00A3	
AIMB-707G2-00A2	AIMB-707G2-00A3	
AIMB-785G2-00A2	AIMB-785G2-00A3	
AIMB-785G2-00A2U	AIMB-785G2-00A3U	
AIMB-786G2-00A2	AIMB-786G2-00A3	
AIMB-786G2-00A2U	AIMB-786G2-00A3U	
AIMB-787G2-01A2	AIMB-787G2-00A2	
PCA-6028G2-00A2E	PCA-6028G2-00A3	
PCA-6029G2-00A2	PCA-6029G2-00A3	
PCE-3029G2-00B2E	PCE-3029G2-00B3	
PCE-3032G2-00A1	PCE-3032G2-00A2	
PCE-5029G2-00A3E	PCE-5029G2-00A4	
PCE-5129G2-00A2E	PCE-5129G2-00A3	
PCE-5129G2-00A2U	PCE-5129G2-00A3U	
PCE-5031G2-00A2	PCE-5031G2-00A3	
PCE-5032G2-00A2	PCE-5032G2-00A3	
PCE-5131G2-01A2	PCE-5131G2-00A2	
PCI-7032G2-00A2E	PCI-7032G2-00A3	
PCI-7032VG-00A2E	PCI-7032VG-00A3	
Current Component P/N: 1410023117-01 MFR: Intel MPN: WGI211AT 	New Component P/N: 1410022540-02 MFR: Intel MPN: WGI210AT 	

Reasons for the Announcement/Change

- Intel LAN Controller I211-AT was phased out in Oct. 2021. Recently Intel confirmed not capable of fulfilling the LTB demand to Advantech since TSMC terminated supply of I211-AT wafer to Intel.
- Due to insufficient supply of I211-AT from Intel, for the EOL P/Ns, only the backlog before the end of 2022 can be fulfilled.
- Intel LAN Controller I211-AT and I210-AT are pin-to-pin compatible.
- The driver of Intel LAN Controller I211-AT and I210-AT are the same.

Highlights of the Announcement/Change

- The specification of the successor model is the SAME as the EOL model.
- The price of the successor model is the SAME as the EOL model.
- No LTB date/orders are accepted due to insufficient supply of I211-AT from Intel.
- For any request of old P/Ns' extended supply other than the backlog in 2022, please contact PMs for project evaluation. PPV and MOQ will be charged and requested to the customers for the I211-AT chip purchased from spot market.

Impact on Application

Item	Impact
Impact on Mechanical Design	No
Impact on Software Compatibility	Possible
Impact on Driver	No (Driver is the same for current/new LAN chip)
Impact on BIOS	No
Impact on Environment Characteristics	No
Impact on Board Certifications ^{Note}	No
Physical Outlook Change	No
Ordering P/N Change	Yes

Note: Advantech CE/FCC, UL/CB certifications on this product.

IC Comparison

	1410023117-01	1410022540-02
Operation temp.	0°C to 70°C	0°C to 70°C
Throughput	1Gbps	1Gbps
System Interface Type	PCIe v2.1 (2.5 GT/s)	PCIe v2.1 (2.5 GT/s)
Jumbo Frames Support	Yes	Yes
Device disable capability	Yes	Yes
Package (mm x mm)	9x9	9x9

Key Milestones / Schedule Dates



Important Date	Description	Date
Announcement	Announcement of this document	2022/07/15
Last Shipment	Acceptable shipment date before LTB. The order with requesting DD after this date will not be accepted.	2022/12/31

Contact Windows

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