

Product Change Notification

Update Firmware, PCB, and DRAM Die Versions for PV210-M280 BiCS3 Products

Release date: Mar. 7, 2024

Dear Valued Customers,

Thank you for your business and continued support for Apacer products. This PCN is being issued to inform you about updates to the firmware, PCB, and DRAM die versions for the PV210-M280 BiCS3 products. Details of these changes are provided in the table below. Apacer will provide all necessary support to ensure a seamless transition. If you have any questions or concerns regarding the content of this notification, please contact Apacer sales representatives.

PCN Number	E20240307-3	Release Date	Mar. 7, 2024
Affected Product Model	PV210-M280 BiCS3 products		
Subject of Change			
Update the firmware, PCB, and DRAM die versions for the PV210-M280 BiCS3 products			
Description of Change			
Apacer has implemented three changes to the PV210-M280 BiCS3 products:			
1. The firmware version has been updated. For products without TCG Opal support, the version is now PNMB004A, and for those with TCG Opal support, it is PNMB004B. The changes are as follows:			
1.1 Fixed a PCB thermal sensor conflict issue.			
1.2 Enabled open drain for DAS LED.			
1.3 Fixed an issue with incorrect EUI64.			
1.4 Disabled the Write Zeroes feature.			
1.5 Fine-tuned the NVMe initialization process with REFCLK on NVIDIA Jetson to avoid disk undetectability as the second drive.			
1.6 Modified default MSID length to accommodate more characters.			
1.7 Supported DataDefender.			
2. The PCB version has been updated from 48.2A425.0000B to 48.2A425.0030B.			
3. The latest DRAM IC technology has been adopted, transitioning the DDR4 die version from E-die to F-die.			
Recommended Action			
To ensure the stability of product supply, Apacer has introduced alternative parts for the PCB. Consequently, we recommend qualifying the PV210-M280 BiCS3 products with the latest firmware versions PNMB003A and PNMB003B for enhanced compatibility and support.			

Affected Part Numbers

Without TCG Opal

	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
240GB	B92.935JGU.00104	B92.935JHU.00104	B92.935JGU.00317	B92.935JHU.00317
480GB	B92.935KGU.00104	B92.935KHU.00104	B92.935KGU.00417	B92.935KHU.00417
960GB	B92.935LGU.00104	B92.935LHU.00104	B92.935LGU.00417	B92.935LHU.00417

With TCG Opal

	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
240GB	B92.A35JGU.00105	B92.A35JHU.00105	B92.A35JGU.00218	B92.A35JHU.00218
480GB	B92.A35KGU.00105	B92.A35KHU.00105	B92.A35KGU.00418	B92.A35KHU.00418
960GB	B92.A35LGU.00105	B92.A35LHU.00105	B92.A35LGU.00418	B92.A35LHU.00418

Schedule

Sample available date: Ready

Product Center

Apacer Technology Inc.