

Product Change Notification

Update Firmware Versions for PV220-M280 BiCS5 Product

Release date: December 31, 2024

Dear Valued Customers,

Thank you for your business and continued support for Apacer products. This PCN is being issued to inform you of a firmware version change for PV220-M280 BiCS5 products. Details of the change 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	E241231-4	Release Date	December 31, 2024
Action Levels	☒ Critical: Immediate change required ☐ Warning: Change as soon as possible ☐ Recommended: Optional, but suggested ☐ Informational: No immediate action required		
Affected Product Model	PV220-M280 BiCS5 products		
Subject of Change			
Update the firmware versions for PV220-M280 BiCS5 products			
Description of Change			
Apacer has updated the firmware versions for its products from PNMA403A/PNMA403C/PNMA403B/PNMA403D to PNMA404A/PNMA404C/PNMA404B/PNMA404D. The changes are as follows: - Resolved the LAA overflow issue. - Corrected the head page search behavior after SPOR to address the read UNC issue. - Enhanced the PERST handing flow. - Optimized the mapping table building process during SPOR. - Adjusted the lane flip function to enhance compatibility.			
Recommended Action			
Apacer will continue supplying PV220-M280 BiCS5 products with the existing firmware. However, we recommend qualifying these products with the latest version for improved compatibility and support.			

Affected Part Numbers

1. PV220-M280 M Key

1.1 Without TCG Opal

Capacity	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
120GB	B92.225HGV.00357	B92.225HHV.00457	B92.225HGV.00374	B92.225HHV.00474
240GB	B92.225JGV.00158	B92.225JHV.00158	B92.225JGV.00175	B92.225JHV.00175
480GB	B92.225KGU.00358	B92.225KHU.00558	B92.225KGU.00375	B92.225KHU.00575
960GB	B92.225LGU.00358	B92.225LHU.00658	B92.225LGU.00375	B92.225LHU.00675
1920GB	B92.225MGU.00358	B92.225MHU.00558	B92.225MGU.00375	B92.225MHU.00575

1.2 With TCG Opal

Capacity	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
120GB	B92.A45HGV.00259	B92.A45HHV.00259	B92.A45HGV.00276	B92.A45HHV.00276
240GB	B92.A45JGV.00160	B92.A45JHV.00160	B92.A45JGV.00177	B92.A45JHV.00177
480GB	B92.A45KGU.00260	B92.A45KHU.00260	B92.A45KGU.00277	B92.A45KHU.00277
960GB	B92.A45LGU.00260	B92.A45LHU.00260	B92.A45LGU.00277	B92.A45LHU.00277
1920GB	B92.A45MGU.00260	B92.A45MHU.00260	B92.A45MGU.00277	B92.A45MHU.00277

2. PV220-M280 B+M Key

2.1 Without TCG Opal

Capacity	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
120GB	B92.225HG1.00157	B92.225HH1.00157	B92.225HG1.00174	B92.225HH1.00174
240GB	B92.225JG1.00158	B92.225JH1.00158	B92.225JG1.00175	B92.225JH1.00175
480GB	B92.225KGZ.00158	B92.225KHZ.00158	B92.225KGZ.00175	B92.225KHZ.00175
960GB	B92.225LGZ.00158	B92.225LHZ.00158	B92.225LGZ.00175	B92.225LHZ.00175
1920GB	B92.225MGZ.00158	B92.225MHZ.00158	B92.225MGZ.00175	B92.225MHZ.00175

2.2 With TCG Opal

Capacity	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
120GB	B92.A45HG1.00159	B92.A45HH1.00159	B92.A45HG1.00176	B92.A45HH1.00176
240GB	B92.A45JG1.00160	B92.A45JH1.00160	B92.A45JG1.00177	B92.A45JH1.00177
480GB	B92.A45KGZ.00160	B92.A45KHZ.00160	B92.A45KGZ.00177	B92.A45KHZ.00177
960GB	B92.A45LGZ.00160	B92.A45LHZ.00160	B92.A45LGZ.00177	B92.A45LHZ.00177
1920GB	B92.A45MGZ.00160	B92.A45MHZ.00160	B92.A45MGZ.00177	B92.A45MHZ.00177

3. PV220-M280 Anti-Sulfuration

Capacity	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
120GB	B92.225HGV.00457	B92.225HHV.00557	B92.225HGV.00474	B92.225HHV.00574
240GB	B92.225JGV.00258	B92.225JHV.00258	B92.225JGV.00275	B92.225JHV.00275
480GB	B92.225KGU.00458	B92.225KHU.00658	B92.225KGU.00475	B92.225KHU.00675
960GB	B92.225LGU.00458	B92.225LHU.00758	B92.225LGU.00475	B92.225LHU.00775
1920GB	B92.225MGU.00458	B92.225MHU.00658	B92.225MGU.00475	B92.225MHU.00675

Schedule

Sample Available Date: Ready

Product Center
Apacer Technology Inc.