

Product Change Notification

Firmware Version Update for SV250-CFast BiCS5 Products

Release date: September 30, 2025

Dear Valued Customer,

Thank you for your continued support of Apacer products. This Product Change Notification (PCN) is to inform you of a firmware version update for SV250-CFast BiCS5 products. Details of the change are provided in the table below. Apacer will provide all necessary support to ensure a smooth and seamless transition. If you have any questions or concerns regarding this notification, please contact your Apacer sales representative.

PCN Number	E250930-06	Release Date	September 30, 2025
Affected Product Model	SV250-CFast BiCS5 products		
Action Levels	☐ Critical: Immediate change required ☐ Warning: Change as soon as possible ☒ Recommended: Optional, but suggested ☐ Informational: No immediate action required		
Subject of Change			
Firmware Version Update for SV250-CFast BiCS5 products			
Description of Change			
Apacer has updated the firmware version from SFME6120/SFMH6120 and SFMEA120/SFMHA120 to SFML6130 and SFMLA130, respectively, with the following changes: - Fine-tuned table flush threshold to resolve the “No Free Block” issue. - Fine-tuned code refresh threshold. - Fine-tuned read-retry mechanism. - Improved PBT head refresh process during SPOR. - Fixed “No Free Block” issue resulting in WP errors. - Optimized error handling flow to prevent SATA errors during SPOR. - Optimized Smart Read Refresh. - Optimized error handling for table parameter mismatches after power resume from an abnormal shutdown. - Fine-tuned read refresh threshold. - Enforced execution of SRAM detection at power-on. - Adjusted update frequency of the thermal sensor. - Changed SMART variable type from BYTE to WORD in Linux smartctl. - Added support for negative temperature values in SMART. - Improve DEVSLP to avoid unexpected behavior on specific platforms.			

Recommended Action

Apacer will continue to supply SV250-CFast BiCS5 products with the existing firmware. However, we recommend qualifying these products with the latest version for improved compatibility and support.

Affected Part Numbers

Without Write Protect Switch

Current P/N			New P/N		
Capacity	Standard Temp	Wide Temp	Capacity	Standard Temp	Wide Temp
120GB	AA2.255HGA.002EM	AA2.255HHA.002EF	120GB	AA2.255HGA.002JB	AA2.255HHA.002JB
240GB	AA2.255JGA.003EM	AA2.255JHA.002EF	240GB	AA2.255JGA.003JB	AA2.255JHA.002JB
480GB	AA2.255KGA.003EM	AA2.255KHA.002EF	480GB	AA2.255KGA.003JB	AA2.255KHA.002JB
960GB	AA2.255LGA.001EM	AA2.255LHA.001EF	960GB	AA2.255LGA.001JB	AA2.255LHA.001JB

With Write Protect Switch (optional)

Current P/N			New P/N		
Capacity	Standard Temp	Wide Temp	Capacity	Standard Temp	Wide Temp
120GB	AA2.255HGB.003EM	AA2.255HHB.002EF	120GB	AA2.255HGB.003JB	AA2.255HHB.002JB
240GB	AA2.255JGB.002EM	AA2.255JHB.002EF	240GB	AA2.255JGB.002JB	AA2.255JHB.002JB
480GB	AA2.255KGB.002EM	AA2.255KHB.002EF	480GB	AA2.255KGB.002JB	AA2.255KHB.002JB
960GB	AA2.255LGB.001EM	AA2.255LHB.001EF	960GB	AA2.255LGB.001JB	AA2.255LHB.001JB

TCG Opal without Write Protect Switch (optional)

Current P/N			New P/N		
Capacity	Standard Temp	Wide Temp	Capacity	Standard Temp	Wide Temp
120GB	AA2.A15HGA.002EE	AA2.A15HHA.002EB	120GB	AA2.A15HGA.002JH	AA2.A15HHA.002JH
240GB	AA2.A15JGA.002EE	AA2.A15JHA.002EB	240GB	AA2.A15JGA.002JH	AA2.A15JHA.002JH
480GB	AA2.A15KGA.002EE	AA2.A15KHA.002EB	480GB	AA2.A15KGA.002JH	AA2.A15KHA.002JH
960GB	AA2.A15LGA.001EE	AA2.A15LHA.001EB	960GB	AA2.A15LGA.001JH	AA2.A15LHA.001JH

TCG Opal with Write Protect Switch (optional)

Current P/N			New P/N		
Capacity	Standard Temp	Wide Temp	Capacity	Standard Temp	Wide Temp
120GB	AA2.A15HGB.002EE	AA2.A15HHB.002EB	120GB	AA2.A15HGB.002JH	AA2.A15HHB.002JH
240GB	AA2.A15JGB.002EE	AA2.A15JHB.002EB	240GB	AA2.A15JGB.002JH	AA2.A15JHB.002JH
480GB	AA2.A15KGB.002EE	AA2.A15KHB.003EB	480GB	AA2.A15KGB.002JH	AA2.A15KHB.003JH
960GB	AA2.A15LGB.001EE	AA2.A15LHB.001EB	960GB	AA2.A15LGB.001JH	AA2.A15LHB.001JH

Schedule

Sample available date: Ready

Product Center
Apacer Technology Inc.