

Product Change Notification

Firmware Version Update for PV25E-M280 BiCS5 Products

Release date: August 31, 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 PV25E-M280 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	E20250831-1	Release Date	August 31, 2025
Action Levels	<div><input type="checkbox"/> Critical: Immediate change required</div> <div><input type="checkbox"/> Warning: Change as soon as possible</div> <div><input checked="" type="checkbox"/> Recommended: Optional, but suggested</div> <div><input type="checkbox"/> Informational: No immediate action required</div>		
Affected Product Model	PV25E-M280 BiCS5 products		
Subject of Change			
Firmware Version Update for PV25E-M280 BiCS5 Products			
Description of Change			
Apacer has updated the firmware to version PNMD304C/PNMDA02C with the following changes:			
<div><div>● 240GB-1920GB</div><div><div>1. Improved system block handling flow.</div><div>2. Modified RTD3R value in Identify to 100ms.</div><div>3. Added support for Bytes 1023:768 (SUBNQN) in Identify Controller Data Structure.</div><div>4. Enhanced PBT building flow.</div><div>5. Added “Free Block Count” attribute to SMART.</div><div>6. Updated mechanical design of the graphene heat spreader.</div></div></div> <div><div>● 3840GB</div><div><div>1. Improved system block handling flow.</div><div>2. Enhanced PBT building flow.</div><div>3. Added “Free Block Count” attribute to SMART.</div><div>4. Updated mechanical design of the graphene heat spreader.</div></div></div>			

Recommended Action

Apacer will continue supplying PV25E-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

Capacity	Current	New
	Valid Combination	Valid Combination
240GB	B92.P35JGU.00208	B92.P35JGU.00299
480GB	B92.P35KGU.00208	B92.P35KGU.00299
960GB	B92.P35LGU.00208	B92.P35LGU.00299
1920GB	B92.P35MGU.00208	B92.P35MGU.00299
3840GB	B92.P35NGU.00231	B92.P35NGU.0029B

Schedule

Sample available date: Ready

Product Center

Apacer Technology Inc.