

Product Change Notification

Firmware Version Update for PH250-CFX BiCS5 Products

Release date: Dec. 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 PH250-CFX 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	E20251230-3	Release Date	Dec. 30, 2025			
Action Levels	<input type="checkbox"/> Critical: Immediate change required <input type="checkbox"/> Warning: Change as soon as possible <input checked="" type="checkbox"/> Recommended: Optional, but suggested <input type="checkbox"/> Informational: No immediate action required					
Affected Product Model	PH250-CFX BiCS5 products					
Subject of Change						
Firmware Version Update for PH250-CFX BiCS5 Products						
Description of Change						
Apacer has updated the firmware version from PNMD501A to PNMD5K3A, with the following changes:						
<ol style="list-style-type: none">1. Improve 4 levels of thermal throttling mechanisms.2. Disable AIPR for 8 die and below.3. Improve system blocks wear leveling mechanism.4. Improved system block handling flow.5. Modified RTD3R in Identify as 100ms.6. Enhanced PBT building flow.7. Added “Free Block Count” in SMART.8. Enable table swap to enhance the wear-leveling mechanism.9. Updated Packaged NAND components.						
Recommended Action						

Apacer will continue supplying PH250-CFX BiCS5 products with the existing firmware. However, we recommend qualifying these products with the latest version for improved compatibility and support.

Affected Part Numbers

	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
160GB	BD2.259KYA.00116	BD2.259KZA.00116	BD2.259KYA.0029N	BD2.259KZA.0029N
320GB	BD2.259LYA.00116	BD2.259LZA.00116	BD2.259LYA.0029N	BD2.259LZA.0029N

Schedule

Sample available date: Ready

Product Center

Apacer Technology Inc.