



Product Change Notification

Firmware Version Update for PH250-M242 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-M242 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	E20251230-2	Release Date	Dec. 30, 2025
Action Levels	<div><input type="checkbox"/> Critical: Immediate change require</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	PH250-M242 BiCS5 products		
Subject of Change			
Firmware Version Update for PH250-M242 BiCS5 Products			
Description of Change			
<p>Apacer has updated the firmware version from PNMD501A/ PNMD702A to PNMD5K3A/ PNMD5K3A, respectively, with the following changes:</p> <div><div>1.</div><div>Improve 4 levels of thermal throttling mechanisms.</div></div> <div><div>2.</div><div>Disable AIPR for 8 die and below.</div></div> <div><div>3.</div><div>Improve system blocks wear leveling mechanism.</div></div> <div><div>4.</div><div>Improved system block handling flow.</div></div> <div><div>5.</div><div>Modified RTD3R in Identify as 100ms.</div></div> <div><div>6.</div><div>Enhanced PBT building flow.</div></div> <div><div>7.</div><div>Added “Free Block Count” in SMART.</div></div> <div><div>8.</div><div>Enable table swap to enhance the wear-leveling mechanism.</div></div> <div><div>9.</div><div>Updated Packaged NAND components.</div></div>			
Recommended Action			

Apacer will continue supplying PH250-M242 BiCS5 products with the existing firmware. However, we recommend qualifying these products with the latest version for improved compatibility and support.

Affected Part Numbers

Original

	Existing		New	
	Standard Temperature	Wide Temperature	Standard Temperature	Wide Temperature
160GB	B72.259KYU.00116	B72.259KZU.00116	B72.259KYU.0019N	B72.259KZU.0019N
320GB	B72.259LYU.00116	B72.259LZU.00116	B72.259LYU.0019N	B72.259LZU.0019N

Packaged

	Existing	New
	Wide Temperature	Wide Temperature
40GB	B72.259H3U.00150	B72.259H3U.0029R
80GB	B72.259J3U.00150	B72.259J3U.0029R
160GB	B72.259K3U.00150	B72.259K3U.0029R
320GB	B72.259L3U.00150	B72.259L3U.0029R

Schedule

Sample available date: Ready

Product Center

Apacer Technology Inc.