

Product Change Notification

Graphene Heat Spreader Update for PCIe M.2 2280 SSDs

Release date: July 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 mechanical design update to the graphene heat spreader used on PCIe M.2 2280 SSDs. 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	
E250730-4	
Subject of Change	
Graphene Heat Spreader Update for PCIe M.2 2280 SSDs	
PCN Type	
<input type="checkbox"/> Design change	<input type="checkbox"/> BOM change
<input type="checkbox"/> Manufacturing change	<input type="checkbox"/> Production process
<input type="checkbox"/> Others (Part number)	<input checked="" type="checkbox"/> Package/Mechanical change
	<input type="checkbox"/> Technical document
Products Affected	
PCIe M.2 2280 Series	
Gen4 x4	Gen3 x4
PV25E-M280	PV210-M280
PV930-M280	PV(T)230-M280
PH930-M280	PV(T)220-M280
PT180-M280	PV920-M280
PV(T)250-M280	PH920-M280
PV(T)25P-M280	
PH250-M280	
PH25P-M280	
PT160-M280	
PH160-M280	

Description of Change

The graphene heat spreader has been redesigned to further enhance product reliability and ensure stable performance during high-speed operation. This updated design contributes to reducing the potential for thermal-related issues. It has successfully completed Apacer's rigorous reliability testing as part of our standard qualification process and will be implemented as a running change.

Old	New
 A photograph of an older Apacer SSD. The top half of the black PCB is covered by a dark, textured graphene heat spreader. The Apacer logo is printed in white on the top half. The bottom half of the board is the blue PCB with various components and a gold-plated connector at the top.	 A photograph of the new Apacer SSD. The top half of the black PCB is covered by a dark, textured graphene heat spreader. The Apacer logo is printed in white on the top half. The bottom half of the board is the blue PCB with various components and a gold-plated connector at the top. The design is identical to the old version but with a redesigned heat spreader.
 A photograph of an older Apacer SSD, identical to the one in the top-left cell.	 A photograph of the new Apacer SSD, identical to the one in the top-right cell.

Effective Date of Implementation

Running change starting from Sep 30, 2025

Product Center
Apacer Technology Inc.