

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 checked="" type="checkbox"/> Package/Mechanical change																								
<input type="checkbox"/> Manufacturing change	<input type="checkbox"/> Production process	<input type="checkbox"/> Technical document																								
<input type="checkbox"/> Others (Part number)																										
Products Affected																										
<table><tr><th colspan="2">PCIe M.2 2280 Series</th></tr><tr><th>Gen4x4</th><th>Gen3x4</th></tr><tr><td>PV25E-M280</td><td>PV210-M280</td></tr><tr><td>PV930-M280</td><td>PV(T)230-M280</td></tr><tr><td>PH930-M280</td><td>PV(T)220-M280</td></tr><tr><td>PT180-M280</td><td>PV920-M280</td></tr><tr><td>PV(T)250-M280</td><td>PH920-M280</td></tr><tr><td>PV(T)25P-M280</td><td></td></tr><tr><td>PH250-M280</td><td></td></tr><tr><td>PH25P-M280</td><td></td></tr><tr><td>PT160-M280</td><td></td></tr><tr><td>PH160-M280</td><td></td></tr></table>			PCIe M.2 2280 Series		Gen4x4	Gen3x4	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	
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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
	
	

Effective Date of Implementation

Running change starting from Sep 30, 2025