

Product Change Notification (PCN)

Title	Firmware update of 3TE6 series	Date	2023/12/13	No.	F2360
Models	M.2 (P80) 3TE6, M.2 (P42) 3TE6				
Level	C: Potential risk by scenario, suggest to change	Firmware			
Description					
This PCN is being issued to address that Innodisk M.2 P80/P42 SSD 3TE6 are going to upgrade product firmware (F/W) and add pull high resistors of pin 50 of M.2. And The PCN will affect standard part number only. (Note: KX bics5 cTLC has been effective on F2318)					

FWChange			
Model	Part Number	Current FW	New FW
M.2 (P42) 3TE6	DEM24-xxxDD1KWxxF%	V22620	V23701
M.2 (P42) 3TE6	DEM24-xxxDD1GxxxF%	V22620	V23701
M.2 (P42) 3TE6	DEM24-xxxDD1ExxxF%	V22620	V23701
M.2 (P42) 3TE6	DEM24-xxxDD1KCxxL%	V22620	V23701
M.2 (P80) 3TE6	DEM28-xxxDD1KWxxF%	V22620	V23701
M.2 (P80) 3TE6	DEM28-xxxDD1GxxxF%	V22620	V23701
M.2 (P80) 3TE6	DEM28-xxxDD1ExxxF%	V22620	V23701
M.2 (P80) 3TE6	DEM28-xxxDD1KCxxL%	V22620/V21118	V23701

Desc. Note
The FW is able to do DLMC from V22620 to V23701 in condition that SSD is regarded as data drive.

Summary of Change
1.Improve warm boot flow
2.Optimize PCIe link.
3.Improve power-on initialization process after abnormal power-off.
4.Improve linux compatibility(Linux Ubuntu kernel V5.19)
5.Add pull high resistors to the PERST signal on M.2 Pin 50 to comply with PCI Express M.2 specifications
Note: Seq. and Rnd. Read of M.2 P42 1TB and M.2 P80 2TB will be lower than previous FW version.

Key Milestone Dates	
Effective Date	2024/3/22
*Implement from: based on business and operational conditions	

Revision History		
Date of Revision:	Revision Number:	Remark:
2023/12/13	F2360	

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