

# Product Change Notification (PCN)

|                                                                                                                     |                                                  |          |          |     |       |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|----------|-----|-------|
| Title                                                                                                               | PCIe 4TG2-P/4TS2-P/4IG2-P Firmware Update Notice | Date     | 2024/1/5 | No. | F2365 |
| Models                                                                                                              | PCIe 4TG2-P/4TS2-P/4IG2-P                        |          |          |     |       |
| Level                                                                                                               | B: Change as soon as possible                    | Firmware |          |     |       |
| Description                                                                                                         |                                                  |          |          |     |       |
| This PCN is being issued to address that Innodisk 4TG2-P/4TS2-P/4IG2-P are going to upgrade product firmware (F/W). |                                                  |          |          |     |       |

| FWChange          |                |            |         |
|-------------------|----------------|------------|---------|
| Model             | Part Number    | Current FW | New FW  |
| U.2 4TG2-P        | DGEU2%DP1%F%   | E22C23     | E23919  |
| U.2 4TG2-P        | DGEU2%DP1%FP%  | E22C25     | E23915  |
| U.2 4TG2-P        | DGEU2%DP2%F%   | E23224     | E23919  |
| U.2 4TS2-P        | DSEU2%DP1%F%   | F22C23     | F23919  |
| M.2 (P80) 4TG2-P  | DGM28%DP1%F%   | E22C23     | E23919  |
| M.2 (P80) 4TG2-P  | DGM28%DP1K%FH% | E22C23     | E23919  |
| M.2 (P80) 4TG2-P  | DGM28%DP2%F%   | E23224     | E23919  |
| M.2 (P80) 4TG2-P  | DGM28%DP2%FH%  | E23224     | E23919  |
| M.2 (P80) 4TG2-P  | DGM28%DP1%FP%  | E22C25     | E23915  |
| M.2 (P80) 4TG2-P  | DGM28%DP1%FPH% | E22C25     | E23915  |
| M.2 (P80) 4TS2-P  | DSM28%DP1%F%   | F22C23     | F23919  |
| M.2 (P80) 4TS2-P  | DSM28%DP1%FH%  | F22C23     | F23919  |
| M.2 (P80) 4TS2-P  | DSM28%DP1%FP%  | F22C25     | F23915  |
| M.2 (P80) 4TS2-P  | DSM28%DP1%FPH% | F22C25     | F23915  |
| M.2 (P80) 4IG2-P  | DHM28%DP1%F%   | E22C23i    | E23919i |
| M.2 (P80) 4IG2-P  | DHM28%DP1%FH%  | E22C23i    | E23919i |
| M.2 (P110) 4TG2-P | DGM21%DP1%FP%  | E22C25     | E23915  |
| M.2 (P110) 4TG2-P | DGM21%DP1%FPH% | E22C25     | E23915  |
| M.2 (P110) 4TS2-P | DSM21%DP1%FP%  | F22C25     | F23915  |
| M.2 (P110) 4TS2-P | DSM21%DP1%FPH% | F22C25     | F23915  |
| M.2 (P110) 4IG2-P | DHM21%DP1%FP%  | E22C25i    | E23915i |
| M.2 (P110) 4IG2-P | DHM21%DP1%FPH% | E22C25i    | E23915i |

| Summary of Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>FW change note of 22C23(i) to 23919(i) &amp; 22C25(i) to 23915(i).</b></p> <p>1. Modify pad dummy data mechanism to avoid windows warm boot issue.<br/>2. Fix SMART and get-log page command return wrong size data to host issue.<br/>3. Remove PCIe capabilities SR-IOV &amp; VPD related information.<br/>4. Modify U.2 4TB / 8TB DDR clock from 2400M Hz to 1600M Hz for Stability<br/>5. Modify 512GB~2TB DDR clock from 2666M Hz to 2400M Hz for Stability<br/>6. Modify system block management mechanism to avoid system block shortage.</p> <p>Note: 22C23(i) to 23919(i) &amp; 22C25(i) to 23915(i) cannot support DLMC.</p> <p><b>FW change note of 23224 to 23919</b></p> <p>1. Remove PCIe capabilities VPD related information.<br/>2. Modify PCIE ASPM-related setting to avoid warm boot panic issue.<br/>3. Optimal read disturb mechanism<br/>4. Unify thermal throttling mechanism<br/>5. Enhance abnormal power cycling flow.</p> |

6. Improve Device Self Test efficiency (optional feature).
7. Modify system block management mechanism to avoid system block shortage.

Note: 23224 to 23919 can support DLMC.

Note

No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones. Innodisk apologizes for any inconvenience caused by this and appreciate your understanding. Innodisk promises that new items deliver quality and reliability for your application. If you have any further inquiry of our products or if you have any question about the specification of it, please contact Innodisk sales person. Thank you for your confidence in Innodisk in the past and looking forward to serving you in the near future.

Key Milestone Dates

|                |           |
|----------------|-----------|
| Effective Date | 2024/4/12 |
|----------------|-----------|

\*Implement from: based on business and operational conditions

Customer Impact of Change and Recommended Action

To minimize any impact on your user experience, we suggest implementing the required changes promptly. We'll support you in transitioning smoothly to ensure a seamless change process. Kindly contact Innodisk sales to ensure your right.

Revision History

| Date of Revision: | Revision Number: | Remark: |
|-------------------|------------------|---------|
| 2024/1/5          | F2365            |         |

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