



Product Change Notification

Change Notification #: 118011 - 01
Change Title: Select Intel® Optane™ Persistent Memory Modules, PCN 118011-01, [Product Design](#), Product Material, Adding Alternate DQ Buffer Vendor, [Reason for Revision: BIOS hotfix MRC is required for alternate vendor](#)
Date of Publication: April 8, 2022

Key Characteristics of the Change:

[Product Design](#), Product Material

Forecasted Key Milestones:

| | |
|---|--------------|
| Date Customer Must be Ready to Receive Post-Conversion Material: | July 7, 2022 |
|---|--------------|

Description of Change to the Customer:

[Reason for Revision: BIOS hotfix MRC is required for alternate vendor](#)

The Intel® Optane™ Persistent Memory 128GB Modules ([Intel Optane PMem 100 series](#)) listed in the Products Affected Table below will have the following Change.

- Intel is adding Renesas as an alternate qualified DQ Buffer vendor, [in order to ensure supply continuity](#).

Customer Impact of Change and Recommended Action:

This change requires a system BIOS update available in Purley Refresh IPU 2022.1 + BIOS hot fix MRC (Memory Reference Code) or later IPU to address low DDR-T signal margin on some Intel® Optane™ Persistent Memory Modules utilizing Renesas DQ Buffer. This BIOS hot fix will be included in IPU 2022.2.

[Intel encourages customer to understand the changes and determine the impact to their solutions, see the following link for details.](#)

For your information only. No change to Intel Ordering codes

Please contact your local Intel Field Sales Rep if you have any further questions about this change.

Products Affected / Intel Ordering Codes:

| Marketing Name | Product Code | MM# |
|---|-----------------|--------|
| Intel® Optane™ Persistent Memory 128GB Module (1.0) 4 Pack | NMA1XXD128GPSU4 | 999AVV |
| Intel® Optane™ Persistent Memory 128GB Module (1.0) 50 Pack | NMA1XXD128GPSUF | 999AVW |

PCN Revision History:

Date of Revision:

January 6, 2021

[April 8, 2022](#)**Revision Number:**

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01

Reason:

Originally Published PCN

[BIOS hotfix MRC is required for alternate vendor](#)



Product Change Notification

118011-01

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No response from customers will be deemed an acceptance of the change, and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below.

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