



Product/Process Change Notification (PCN) Policy

PCN Service: C&T provides a Product/Process Change Notification (PCN) service. As part of the PCN service C&T will post notifications for changes to product(s) and/or process(s) that affect form, fit, or function.

Please Note: C&T reserves the right to make changes without notification when form, fit, or function is not affected.

PCN Contact/Help: If you have questions or comments regarding C&T's PCN service or a specific notification, please contact your C&T sales representative.

Notification Information: C&T will provide the content listed below for each notification category.

Document change notification content will include:

- PCN Number
- PCN issue date
- Notification subject
- PCN Change Status
- Change Description
- Reason for Change
- Date Document Changes in Effect (for document changes only)
- Attachment of the updated document
- Method of identifying change (if applicable)



C&T Solution's Product/Process Change Notification (PCN)

Date: 14/Dec/2023

PCN Number: P202312140001

Dear Customer,

This is an announcement of a change to a product that is currently offered by C&T Solution Inc. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance of the change.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

For questions regarding this notice, contact your Field Sales Representative.

Sincerely,

Sales Team

Phone: +886-2-7731-7888

C&T Solution's Product/Process Change Notification (PCN)

PCN NO.	P202312140001	Date of Issue	14/Dec/2023	
Model Name	RCO-1000-J1900, BCO-1000-J1900, PC100-J1900 Series	PCN Effective Date	18/Dec/2023	
Notification Subject	RCO-1000-J1900, BCO-1000-J1900, PC100-J1900 close options of TPM in BIOS			
Customer Contact		Phone		
Change Type	<input type="checkbox"/> BOM	<input checked="" type="checkbox"/> Function	<input type="checkbox"/> Firmware	
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Accessory	<input type="checkbox"/> Document	
PCN Details				
Reasons of Change	<input type="checkbox"/> Design problem	<input type="checkbox"/> Quality enhancement	<input type="checkbox"/> Customer request	
	<input type="checkbox"/> SPEC change	<input checked="" type="checkbox"/> Vendor reason	<input type="checkbox"/> Cost affect	
<p>C&T have identified that certain serial numbers of Bay Trail J1900 CPUs are unable to successfully support TPM functionality. Considering Intel's announcement in June 2022 to discontinue technical support and updates for Bay Trail, please refer to the ESU document for more information. Consequently, C&T will be applying for a new BIOS version and removing the TPM option.</p>				
Description of Change	PCBA P/N	depiction	Old BIOS	New BIOS
	2-RCO10001F17	PCBA RCO-1000-J1900_D1 w/ SATA 7+15P CONN, w/ LAN Chip i210, w/o dTPM 2.0, Ver:17	1-KRC101RF1 RC101RF1.bin_CKS: 70D9h	1-KRC101R07 RC101R07.bin_CKS: 7778h
	2-RCO10002F17	PCBA RCO-1000-J1900_D1 w/o SATA 7+15P CONN, w/ LAN Chip i210, w/o dTPM 2.0, Ver:17	1-KRC101RF1 RC101RF1.bin_CKS: 70D9h	1-KRC101R07 RC101R07.bin_CKS: 7778h
	2-PC100001F15	PCBA_Mother Board_PC100, w/o dTPM 2.0 Ver:15	1-KPC100RF2 PC100RF2.BIN_CKS: 3072h	1-KPC100R06 PC100R06.bin_CKS: B904h

	<ul style="list-style-type: none"> ➤ Inventory: Implement BIOS update immediately. ➤ Upcoming Release: Implement BIOS update immediately. 																																
<p>Document Changes in Effect (for document changes only)</p>	<p>N/A</p>																																
<p>Attachment of the Updated Document</p>	<p>Intel® Processor End of Servicing Notification</p> <ul style="list-style-type: none"> • To provide customers greater transparency on Servicing, Intel is communicating guidance on specific Intel microprocessor product lines that are nearing End of Servicing Updates (ESU). • Intel will no longer provide Servicing updates after June 30, 2023, for products listed in Table 1 (slide 5). • Note: As a convenience, Table 2 provides a summary of all previous ESU Notifications with links to RDC (slide 6). • Note: As a convenience, Table 3 provides a summary of Intel processors which have Extended Servicing offered (slide 7). • This notification is separate from Intel's warranties and supply guidance and agreements. It does not alter, expand, or extend any existing contractual rights or obligations. • After ESU, Intel may not have the ability to repair products or provide software updates to address potential security vulnerabilities or product functionality issues. Intel will continue to issue errata, which will be available upon request. <p style="text-align: right;">* See slide 3 for definition of capitalized terms</p> <p style="text-align: center;">Intel Confidential – To Be Shared Under NDA Only intel. 4</p> <p>Table 2: Previous Intel® Processor ESU Notifications</p> <p style="text-align: right;">* ESU date is aligned with the end of the quarter. ** See RDC document for details.</p> <table border="1" data-bbox="443 1131 1284 1361"> <thead> <tr> <th>RDC Document</th> <th>Notification Date</th> <th>ESU Date*</th> <th>Comments**</th> </tr> </thead> <tbody> <tr> <td>RDC 690493</td> <td>Dec'21</td> <td>Q4'22</td> <td>Broadwell DE</td> </tr> <tr> <td>RDC 647569</td> <td>Sept'21</td> <td>Q3'22</td> <td>Skylake E3, Skylake Client</td> </tr> <tr> <td>RDC 642098</td> <td>June'21</td> <td>Q2'22</td> <td>Cherry Trail, Braswell, and Broadwell Server</td> </tr> <tr> <td>RDC 634923</td> <td>Jan'21</td> <td>Q4'21</td> <td>Haswell Server</td> </tr> <tr> <td>RDC 626366</td> <td>May'20</td> <td>Q2'21</td> <td>Bay Trail, Rangeley, Avoton, Centerton, Brianwood, Broadwell Client, Haswell Client</td> </tr> <tr> <td>RDC 613074</td> <td>Sept'19</td> <td>Q2'20</td> <td>Ivy Bridge EP/EN/EX, Sandy Bridge EP/EN</td> </tr> <tr> <td>RDC 615074</td> <td>Sept'19</td> <td>Q4'19</td> <td>Ivy Bridge, Ivy Bridge E/E3, Sandy Bridge, Sandy Bridge E/E3, Gladden</td> </tr> </tbody> </table> <p style="text-align: center;">Intel Confidential – To Be Shared Under NDA Only intel. 6</p>	RDC Document	Notification Date	ESU Date*	Comments**	RDC 690493	Dec'21	Q4'22	Broadwell DE	RDC 647569	Sept'21	Q3'22	Skylake E3, Skylake Client	RDC 642098	June'21	Q2'22	Cherry Trail, Braswell, and Broadwell Server	RDC 634923	Jan'21	Q4'21	Haswell Server	RDC 626366	May'20	Q2'21	Bay Trail, Rangeley, Avoton, Centerton, Brianwood, Broadwell Client, Haswell Client	RDC 613074	Sept'19	Q2'20	Ivy Bridge EP/EN/EX, Sandy Bridge EP/EN	RDC 615074	Sept'19	Q4'19	Ivy Bridge, Ivy Bridge E/E3, Sandy Bridge, Sandy Bridge E/E3, Gladden
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<p>Method of Identifying Change (if applicable)</p>	<p>All product descriptions within the BIOS will be adjusted to the new modern name</p>																																
<p>Affected Parts Numbers</p>	<p>RCO-1000-J1900, BCO-1000-J1900, PC100-J1900 Series</p>																																