



Product Change Notification

Change Notification #: 119424-00

Change Title: MINOR CHANGE,
Integrated Lever Mechanism (ILM) Hardware used
with 12th and 13th Generation Intel® Desktop Tray
& Boxed Processors,
PCN 119424-00, Product Material, Product
Marking,
LGA-1700 ILM Lever and ILM Component
Marking Change

Date of Publication: February 7, 2023

Key Characteristics of the Change:

Product Material, Product Marking

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material	March 31, 2023
--	----------------

Description of Change to the Customer:

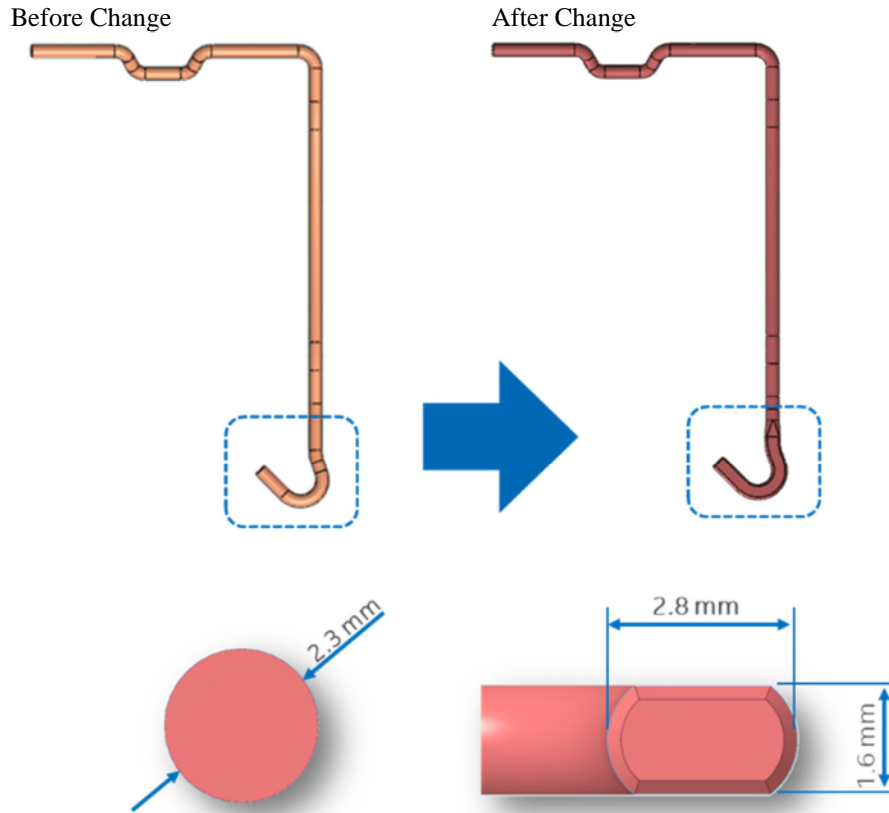
Intel validated hardware suppliers will be making the following changes to the current Integrated Loading Mechanism (ILM) hardware design used in combination with the products listed in the Products Affected/Intel Ordering Codes table below.

The changes made to the ILM do not impact the form, fit or function of the actual products. The changes are described below.

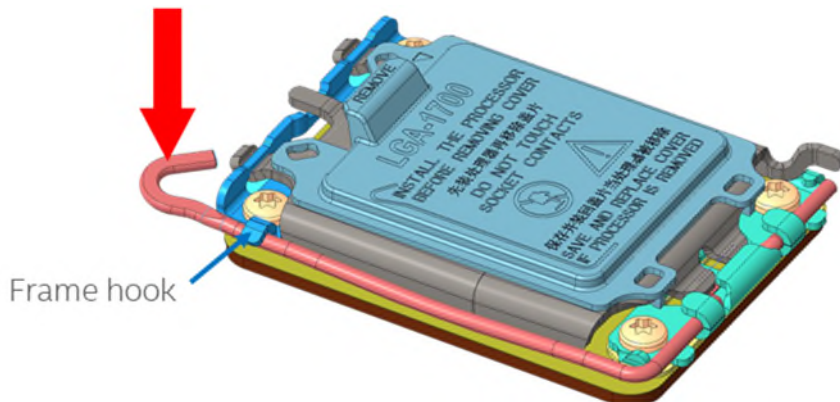
1. Lever Profile Change

Intel is working with hardware suppliers to implement a change for the LGA-1700 ILM lever to improve ergonomics. The ILM lever actuation region profile was modified from circular to flat to reduce pressure experienced by end users during assembly. There is no impact to the socket loading as the actuation region is outside of the frame hook.

LGA-1700 ILM Lever Change: Top Down and Cross-Section View:



LGA-1700 ILM Hardware with Lever After Change:



2. Hardware Component Marking Changes

The existing markings on the ILM component Lid are, “LGA-17xx/18xx”. Going forward, the markings will say “LGA-1700” to identify these hardware components. See images below for details.

ILM Cover Marking Change:

Before Change

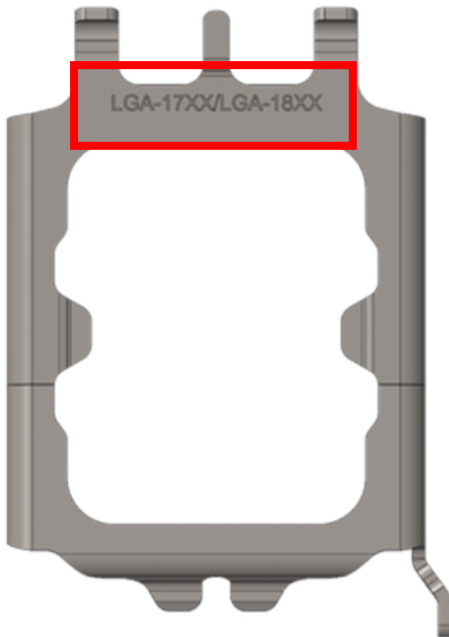


After Change

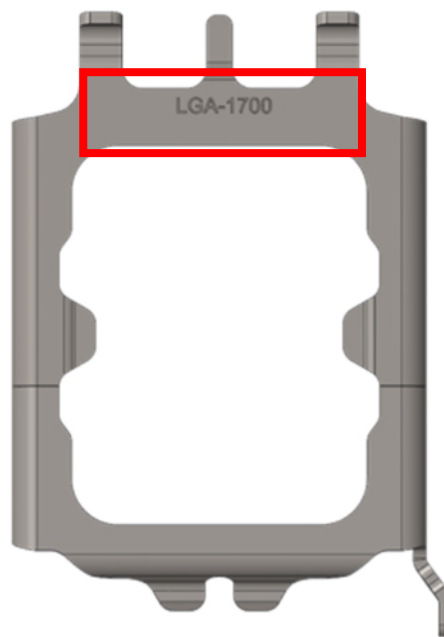


ILM Load Plate Marking Change:

Before Change



After Change



ILM Back Plate Marking Change:

Before Change



After Change



Customer Impact of Change and Recommended Action:

Intel considers this a Minor Change, with no impact the Form, Fit, Function, Quality or Reliability of the actual products associated. Nothing about this change requires any additional qualification.

No action is required from customers other than to be aware and familiar with the changes described in this Product Change Notification and to expect a mixture of both the current and new parts until older inventory has been depleted.

Please contact your Intel Representative with any questions or concerns regarding the change detailed in this Product Change Notification.

Products Affected/Intel Ordering Codes:

Marketing Name	Vertical Segment	Product Code	S-Spec	MM#
Intel® Celeron® Processor G6900	DESKTOP	CM8071504651805	S RL67	99APD3
Intel® Celeron® Processor G6900E	EMBEDDED	CM8071504653807	S RL6Q	99ARC0
Intel® Celeron® Processor G6900T	DESKTOP	CM8071504651904	S RL68	99APD4
Intel® Celeron® Processor G6900TE	EMBEDDED	CM8071504653706	S RL6P	99ARAZ
Intel® Core™ i3-12100 Processor	DESKTOP	CM8071504651012	S RL62	99APCX
Intel® Core™ i3-12100E Processor	EMBEDDED	CM8071504654209	S RL6U	99ARC4
Intel® Core™ i3-12100F Processor	DESKTOP	CM8071504651013	S RL63	99APCZ
Intel® Core™ i3-12100T Processor	DESKTOP	CM8071504651106	S RL64	99APD0
Intel® Core™ i3-12100TE Processor	EMBEDDED	CM8071504654106	S RL6T	99ARC3

Marketing Name	Vertical Segment	Product Code	S-Spec	MM#
Intel® Core™ i3-12300 Processor	DESKTOP	CM8071504650906	S RL61	99APCW
Intel® Core™ i3-12300T Processor	DESKTOP	CM8071504650806	S RL60	99APCV
Intel® Core™ i3-13100 Processor	DESKTOP	CM8071505092202	S RMBU	99C50V
Intel® Core™ i3-13100F Processor	DESKTOP	CM8071505092203	S RMBV	99C50W
Intel® Core™ i3-13100T Processor	DESKTOP	CM8071505092101	S RMBT	99C50T
Intel® Core™ i5-12400 Processor	DESKTOP	CM8071504555317	S RL4V	99AMX2
Intel® Core™ i5-12400 Processor	DESKTOP	CM8071504650608	S RL5Y	99APCR
Intel® Core™ i5-12400F Processor	DESKTOP	CM8071504555318	S RL4W	99AMX3
Intel® Core™ i5-12400F Processor	DESKTOP	CM8071504650609	S RL5Z	99APCT
Intel® Core™ i5-12400T Processor	DESKTOP	CM8071504650506	S RL5X	99APCP
Intel® Core™ i5-12490F Processor	DESKTOP	CM8071504758300	S RL4X	99AMX4
Intel® Core™ i5-12500 Processor	DESKTOP	CM8071504647605	S RL5V	99APCM
Intel® Core™ i5-12500E Processor	EMBEDDED	CM8071504654426	S RL6W	99ARC6
Intel® Core™ i5-12500T Processor	DESKTOP	CM8071504647706	S RL5W	99APCN
Intel® Core™ i5-12500TE Processor	EMBEDDED	CM8071504654307	S RL6V	99ARC5
Intel® Core™ i5-12600 Processor	DESKTOP	CM8071504647406	S RL5T	99APCK
Intel® Core™ i5-12600K Processor	DESKTOP	CM8071504555227	S RL4T	99AMX0
Intel® Core™ i5-12600KF Processor	DESKTOP	CM8071504555228	S RL4U	99AMX1
Intel® Core™ i5-12600T Processor	DESKTOP	CM8071504647507	S RL5U	99APCL
Intel® Core™ i5-13400 Processor	DESKTOP	CM8071504821106	S RMBF	99C502
Intel® Core™ i5-13400 Processor	DESKTOP	CM8071505093004	S RMBP	99C50A
Intel® Core™ i5-13400F Processor	DESKTOP	CM8071504821107	S RMBG	99C503
Intel® Core™ i5-13400F Processor	DESKTOP	CM8071505093005	S RMBN	99C509
Intel® Core™ i5-13400T Processor	DESKTOP	CM8071505092802	S RMBR	99C50N
Intel® Core™ i5-13490F Processor	DESKTOP	CM8071505093204	S RMC0	99C538
Intel® Core™ i5-13500 Processor	DESKTOP	CM8071505093101	S RMBM	99C508
Intel® Core™ i5-13500T Processor	DESKTOP	CM8071505092901	S RMBQ	99C50M
Intel® Core™ i5-13600 Processor	DESKTOP	CM8071505092702	S RMBS	99C50P
Intel® Core™ i5-13600K Processor	DESKTOP	CM8071504821005	S RMBD	99C4ZX
Intel® Core™ i5-13600KF Processor	DESKTOP	CM8071504821006	S RMBE	99C501
Intel® Core™ i5-13600T Processor	DESKTOP	CM8071505092601	S RMBL	99C506
Intel® Core™ i7-12700 Processor	DESKTOP	CM8071504555019	S RL4Q	99AMVR
Intel® Core™ i7-12700E Processor	EMBEDDED	CM8071504619229	S RL6D	99ARAD
Intel® Core™ i7-12700F Processor	DESKTOP	CM8071504555020	S RL4R	99AMWC
Intel® Core™ i7-12700K Processor	DESKTOP	CM8071504553828	S RL4N	99AMVK
Intel® Core™ i7-12700KF Processor	DESKTOP	CM8071504553829	S RL4P	99AMVP
Intel® Core™ i7-12700T Processor	DESKTOP	CM8071504555117	S RL4S	99AMWD

Marketing Name	Vertical Segment	Product Code	S-Spec	MM#
Intel® Core™ i7-12700TE Processor	EMBEDDED	CM8071504619317	S RL6E	99ARAF
Intel® Core™ i7-13700 Processor	DESKTOP	CM8071504820805	S RMBA	99C4X9
Intel® Core™ i7-13700F Processor	DESKTOP	CM 8071504820806	S RMBB	99C4XD
Intel® Core™ i7-13700K Processor	DESKTOP	CM8071504820705	S RMB8	99C4X7
Intel® Core™ i7-13700KF Processor	DESKTOP	CM8071504820706	S RMB9	99C4X8
Intel® Core™ i7-13700T Processor	DESKTOP	CM8071504820903	S RMBC	99C4XK
Intel® Core™ i7-13790F Processor	DESKTOP	CM8071505094202	S RMBZ	99C537
Intel® Core™ i9-12900 Processor	DESKTOP	CM8071504549317	S RL4K	99AMVC
Intel® Core™ i9-12900E Processor	EMBEDDED	CM8071504619020	S RL6B	99ARAA
Intel® Core™ i9-12900F Processor	DESKTOP	CM8071504549318	S RL4L	99AMVD
Intel® Core™ i9-12900K Processor	DESKTOP	CM8071504549230	S RL4H	99AMTT
Intel® Core™ i9-12900KF Processor	DESKTOP	CM8071504549231	S RL4J	99AMV4
Intel® Core™ i9-12900KS Processor	DESKTOP	CM8071504569915	S RLDD	99AVFX
Intel® Core™ i9-12900T Processor	DESKTOP	CM8071504549416	S RL4M	99AMVF
Intel® Core™ i9-12900TE Processor	EMBEDDED	CM8071504619115	S RL6C	99ARAC
Intel® Core™ i9-13900 Processor	DESKTOP	CM8071504820605	S RMB6	99C4X3
Intel® Core™ i9-13900F Processor	DESKTOP	CM 8071504820606	S RMB7	99C4X4
Intel® Core™ i9-13900K Processor	DESKTOP	CM8071505094011	S RMBH	99C504
Intel® Core™ i9-13900KF Processor	DESKTOP	CM8071505094012	S RMBJ	99C505
Intel® Core™ i9-13900KS Processor	DESKTOP	CM8071504820503	S RMBX	99C522
Intel® Core™ i9-13900T Processor	DESKTOP	CM8071504820403	S RMB5	99C4X0
Intel® Pentium® Gold G7400 Processor	DESKTOP	CM8071504651605	S RL66	99APD2
Intel® Pentium® Gold G7400E Processor	EMBEDDED	CM8071504653907	S RL6R	99ARC1
Intel® Pentium® Gold G7400T Processor	DESKTOP	CM8071504651504	S RL65	99APD1
Intel® Pentium® Gold G7400TE Processor	EMBEDDED	CM8071504654005	S RL6S	99ARC2
Boxed Intel® Celeron® Processor G6900	DESKTOP	BX80715G6900	S RL67	99ATJP
Boxed Intel® Celeron® Processor G6900	DESKTOP	BXC80715G6900	S RL67	99ATJW
Boxed Intel® Core™ i3-12100 Processor	DESKTOP	BX8071512100	S RL62	99ATJC
Boxed Intel® Core™ i3-12100 Processor	DESKTOP	BXC8071512100	S RL62	99ATJM
Boxed Intel® Core™ i3-12100F Processor	DESKTOP	BX8071512100F	S RL63	99ATJG
Boxed Intel® Core™ i3-12100F Processor	DESKTOP	BXC8071512100F	S RL63	99ATJV
Boxed Intel® Core™ i3-13100 Processor	DESKTOP	BX8071513100	S RMBU	99C6TX
Boxed Intel® Core™ i3-13100 Processor	DESKTOP	BXC8071513100	S RMBU	99C6VL
Boxed Intel® Core™ i3-13100F Processor	DESKTOP	BX8071513100F	S RMBV	99C6TZ
Boxed Intel® Core™ i3-13100F Processor	DESKTOP	BXC8071513100F	S RMBV	99C6VM
Boxed Intel® Core™ i5-12400 Processor	DESKTOP	BX8071512400	S RL4V	99ARGH

Marketing Name	Vertical Segment	Product Code	S-Spec	MM#
Boxed Intel® Core™ i5-12400 Processor	DESKTOP	BXC8071512400	S RL4V	99ARGV
Boxed Intel® Core™ i5-12400 Processor	DESKTOP	BX8071512400	S RL5Y	99ATJ6
Boxed Intel® Core™ i5-12400 Processor	DESKTOP	BXC8071512400	S RL5Y	99ATJL
Boxed Intel® Core™ i5-12400F Processor	DESKTOP	BX8071512400F	S RL4W	99ARGP
Boxed Intel® Core™ i5-12400F Processor	DESKTOP	BXC8071512400F	S RL4W	99ARH0
Boxed Intel® Core™ i5-12400F Processor	DESKTOP	BX8071512400F	S RL5Z	99ATJ7
Boxed Intel® Core™ i5-12400F Processor	DESKTOP	BXC8071512400F	S RL5Z	99ATJT
Boxed Intel® Core™ i5-12490F Processor	DESKTOP	BXC8071512490F	S RL4X	99AT6F
Boxed Intel® Core™ i5-12500 Processor	DESKTOP	BX8071512500	S RL5V	99ATJA
Boxed Intel® Core™ i5-12500 Processor	DESKTOP	BXC8071512500	S RL5V	99ATJK
Boxed Intel® Core™ i5-12600 Processor	DESKTOP	BX8071512600	S RL5T	99ATJ8
Boxed Intel® Core™ i5-12600K Processor	DESKTOP	BX8071512600K	S RL4T	99APG0
Boxed Intel® Core™ i5-12600K Processor	DESKTOP	BXC8071512600K	S RL4T	99APG7
Boxed Intel® Core™ i5-12600KF Processor	DESKTOP	BX8071512600KF	S RL4U	99APG4
Boxed Intel® Core™ i5-12600KF Processor	DESKTOP	BXC8071512600KF	S RL4U	99APGA
Boxed Intel® Core™ i5-13400 Processor	DESKTOP	BX8071513400	S RMBF	99C6TM
Boxed Intel® Core™ i5-13400 Processor	DESKTOP	BX8071513400	S RMBP	99C6TP
Boxed Intel® Core™ i5-13400 Processor	DESKTOP	BXC8071513400	S RMBF	99C6V3
Boxed Intel® Core™ i5-13400 Processor	DESKTOP	BXC8071513400	S RMBP	99C6V6
Boxed Intel® Core™ i5-13400F Processor	DESKTOP	BX8071513400F	S RMBG	99C6TV
Boxed Intel® Core™ i5-13400F Processor	DESKTOP	BX8071513400F	S RMBN	99C6TW
Boxed Intel® Core™ i5-13400F Processor	DESKTOP	BXC8071513400F	S RMBG	99C6VG
Boxed Intel® Core™ i5-13400F Processor	DESKTOP	BXC8071513400F	S RMBN	99C6VH
Boxed Intel® Core™ i5-13490F Processor	DESKTOP	BXC8071513490F	S RMC0	99C7KX
Boxed Intel® Core™ i5-13500 Processor	DESKTOP	BX8071513500	S RMBM	99C6TN
Boxed Intel® Core™ i5-13500 Processor	DESKTOP	BXC8071513500	S MBM	99C6V4
Boxed Intel® Core™ i5-13600K Processor	DESKTOP	BX8071513600K	S RMBD	99C6A5
Boxed Intel® Core™ i5-13600K Processor	DESKTOP	BXC8071513600K	S RMBD	99C6AD
Boxed Intel® Core™ i5-13600KF Processor	DESKTOP	BX8071513600KF	S RMBE	99C6A6
Boxed Intel® Core™ i5-13600KF Processor	DESKTOP	BXC8071513600KF	S RMBE	99C6AF
Boxed Intel® Core™ i7-12700 Processor	DESKTOP	BX8071512700	S RL4Q	99ARGG
Boxed Intel® Core™ i7-12700 Processor	DESKTOP	BXC8071512700	S RL4Q	99ARGT
Boxed Intel® Core™ i7-12700F Processor	DESKTOP	BX8071512700F	S RL4R	99ARGN
Boxed Intel® Core™ i7-12700F Processor	DESKTOP	BXC8071512700F	S RL4R	99ARGZ
Boxed Intel® Core™ i7-12700K Processor	DESKTOP	BX8071512700K	S RL4N	99APFZ

Marketing Name	Vertical Segment	Product Code	S-Spec	MM#
Boxed Intel® Core™ i7-12700K Processor	DESKTOP	BXC8071512700K	S RL4N	99APG6
Boxed Intel® Core™ i7-12700KF Processor	DESKTOP	BX8071512700KF	S RL4P	99APG3
Boxed Intel® Core™ i7-12700KF Processor	DESKTOP	BXC8071512700KF	S RL4P	99APG9
Boxed Intel® Core™ i7-13700 Processor	DESKTOP	BX8071513700	S RMBA	99C6TK
Boxed Intel® Core™ i7-13700 Processor	DESKTOP	BXC8071513700	S RMBA	99C6V2
Boxed Intel® Core™ i7-13700F Processor	DESKTOP	BX8071513700F	S RMBB	99C6TT
Boxed Intel® Core™ i7-13700F Processor	DESKTOP	BXC8071513700F	S RMBB	99C6VD
Boxed Intel® Core™ i7-13700K Processor	DESKTOP	BX8071513700K	S RMB8	99C6A3
Boxed Intel® Core™ i7-13700K Processor	DESKTOP	BXC8071513700K	S RMB8	99C6AA
Boxed Intel® Core™ i7-13700KF Processor	DESKTOP	BX8071513700KF	S RMB9	99C6A4
Boxed Intel® Core™ i7-13700KF Processor	DESKTOP	BXC8071513700KF	S RMB9	99C6AC
Boxed Intel® Core™ i7-13790F Processor	DESKTOP	BXC8071513790F	S RMBZ	99C7KW
Boxed Intel® Core™ i9-12900 Processor	DESKTOP	BX8071512900	S RL4K	99ARGF
Boxed Intel® Core™ i9-12900 Processor	DESKTOP	BXC8071512900	S RL4K	99ARGR
Boxed Intel® Core™ i9-12900F Processor	DESKTOP	BX8071512900F	S RL4L	99ARGM
Boxed Intel® Core™ i9-12900F Processor	DESKTOP	BXC8071512900F	S RL4L	99ARGX
Boxed Intel® Core™ i9-12900K Processor	DESKTOP	BX8071512900K	S RL4H	99APFX
Boxed Intel® Core™ i9-12900K Processor	DESKTOP	BXC8071512900K	S RL4H	99APG5
Boxed Intel® Core™ i9-12900KF Processor	DESKTOP	BX8071512900KF	S RL4J	99APG1
Boxed Intel® Core™ i9-12900KF Processor	DESKTOP	BXC8071512900KF	S RL4J	99APG8
Boxed Intel® Core™ i9-12900KS Processor	DESKTOP	BX8071512900KS	S RLDD	99AZ4W
Boxed Intel® Core™ i9-12900KS Processor	DESKTOP	BXC8071512900KS	S RLDD	99AZ4X
Boxed Intel® Core™ i9-13900 Processor	DESKTOP	BX8071513900	S RMB6	99C6TJ
Boxed Intel® Core™ i9-13900 Processor	DESKTOP	BXC8071513900	S RMB6	99C6V1
Boxed Intel® Core™ i9-13900F Processor	DESKTOP	BX8071513900F	S RMB7	99C6TR
Boxed Intel® Core™ i9-13900F Processor	DESKTOP	BXC8071513900F	S RMB7	99C6VC
Boxed Intel® Core™ i9-13900K Processor	DESKTOP	BX8071513900K	S RMBH	99C6A7
Boxed Intel® Core™ i9-13900K Processor	DESKTOP	BXC8071513900K	S RMBH	99C6AG
Boxed Intel® Core™ i9-13900KF Processor	DESKTOP	BX8071513900KF	S RMBJ	99C6A8
Boxed Intel® Core™ i9-13900KF Processor	DESKTOP	BXC8071513900KF	S RMBJ	99C6AH
Boxed Intel® Core™ i9-13900KS Processor	DESKTOP	BX8071513900KS	S RMBX	99C7KT
Boxed Intel® Core™ i9-13900KS Processor	DESKTOP	BXC8071513900KS	S RMBX	99C7KV

Marketing Name	Vertical Segment	Product Code	S-Spec	MM#
Boxed Intel® Pentium® Gold G7400 Process	DESKTOP	BX80715G7400	S RL66	99ATJH
Boxed Intel® Pentium® Gold G7400 Process	DESKTOP	BXC80715G7400	S RL66	99ATJN

PCN Revision History:

Date of Revision:
February 7, 2023

Revision Number:
00

Reason:
Originally Published PCN



Product Change Notification

119424-00

Notices & Disclaimers

No license (express or implied, by estoppel or otherwise) to any intellectual property rights is granted by this document.

Intel disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade, except as provided in a separate written agreement.

You may not use or facilitate the use of this document in connection with any infringement or other legal analysis concerning Intel products described herein. You agree to grant Intel a non-exclusive, royalty-free license to any patent claim thereafter drafted which includes the subject matter disclosed herein.

The products described may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Statements in this document that refer to future plans or expectations are forward-looking statements. These statements are based on current expectations and involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. For more information on the factors that could cause actual results to differ materially, see our most recent earnings release and SEC filings at www.intc.com.

Customer is responsible for safety of the overall system, including compliance with applicable safety-related requirements or standards.

Intel technologies may require enabled hardware, software or service activation.

No product or component can be absolutely secure.

Your costs and results may vary.

©Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

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.

Americas Contact: asmo.pcn@intel.com

Asia Pacific/PRC Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com