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11 **IN THE UNITED STATES DISTRICT COURT**
12 **FOR THE NORTHERN DISTRICT OF CALIFORNIA – SAN JOSE**
13 **DIVISION**

14 **CARL JONES, individually and**
15 **on behalf of all others similarly**
16 **situated,**

16 **Plaintiff,**

17 **v.**

18 **INTEL CORP.; and DOES 1-**
19 **10,**

20 **Defendants.**

CASE NO.:

CLASS ACTION

COMPLAINT FOR:

- 21 **1) VIOLATION OF CALIFORNIA’S**
22 **CONSUMERS LEGAL REMEDIES**
23 **ACT, CAL. CIVIL CODE § 1750, *ET***
24 ***SEQ.* (INJUNCTIVE RELIEF ONLY);**
- 25 **2) VIOLATION OF CAL. BUS. & PROF.**
26 **CODE § 17200, *ET SEQ.* (“UNFAIR”**
27 **BUSINESS PRACTICES);**
- 28 **3) VIOLATION OF CAL. BUS. & PROF.**
CODE § 17200, *ET SEQ.*
(“DECEPTIVE” BUSINESS
PRACTICES);
- 4) VIOLATION OF CAL. BUS & PROF.**
CODE § 17200, *ET SEQ.*
(“UNLAWFUL” BUSINESS
PRACTICES);

- 1
- 2 **5) BREACH OF IMPLIED**
- 3 **WARRANTIES OF**
- 4 **MERCHANTABILITY AND FITNESS**
- 5 **FOR PARTICULAR PURPOSE;**
- 6 **6) VIOLATION OF SONG-BEVERLY**
- 7 **WARRANTY ACT, CAL. CIV. CODE §**
- 8 **1790, et seq.;**
- 9 **7) VIOLATION OF THE MAGNUSON-**
- 10 **MOSS WARRANTY ACT, 15 U.S.C. §**
- 11 **2301, et seq.;**
- 12 **8) COMMON COUNTS – ASSUMPSIT,**
- 13 **RESTITUTION, UNJUST**
- 14 **ENRICHMENT AND QUASI-**
- 15 **CONTRACT;**
- 16 **9) STRICT LIABILITY;**
- 17 **10) NEGLIGENCE**

18 **DEMAND FOR JURY TRIAL**

19 Plaintiff, Carl Jones (“Plaintiff”), on behalf of himself and all others

20 similarly situated, by and through undersigned counsel, hereby file this Class

21 Action Complaint against Defendant Intel Corp. and DOES 1-10 (collectively

22 “Defendants” or “Intel”), and allege as follows on information and belief (except

23 for information as to the individual Plaintiff specifically identified as being based

24 on personal knowledge), which allegations are likely to have evidentiary support

25 after a reasonable opportunity for further investigation and discovery:

26 **JURISDICTION AND VENUE**

27 1. This Court has subject matter jurisdiction over this action pursuant to

28 28 U.S.C. § 1332(d) because there are more than 100 Class members and the

aggregate amount in controversy exceeds \$5,000,000, exclusive of interest, fees,

and costs, and at least one Class member is a citizen of a state different from

1 Defendants. This Court also has supplemental jurisdiction over state law claims
2 pursuant to 28 U.S.C. § 1367.

3 2. This Court has personal jurisdiction over Defendants because
4 Defendants are based in California, have sufficient minimum contacts with
5 California, either directly or through their subsidiaries, and/or have otherwise
6 purposely availed themselves of the markets in California through the promotion,
7 marketing, and sale of their products and services in California, for distribution
8 both throughout and from California, and are otherwise based here, to render the
9 exercise of jurisdiction by this Court permissible under traditional notions of fair
10 play and substantial justice.

11 3. Venue is proper in this District under 28 U.S.C. § 1391 because
12 Defendants maintain substantial operations in this District, Plaintiff and many
13 Class members either reside or engaged in transactions in this District, Defendants
14 engaged in business and made representations in this District, and a substantial
15 part of the events or omissions giving rise to the claims at issue occurred in this
16 District.

17 **PARTIES**

18 4. On personal knowledge, Plaintiff Carl Jones resides in Santa Clara
19 County, California. As set forth in further detail below, Plaintiff Jones purchased
20 an MSI GT80 series laptop computer in this State online through Amazon.com for
21 the sum certain of \$3,047.91 on or about January 22, 2016. Specifically, he
22 purchased a GT80S Titan SLI-012, containing an Intel x86-64x model CPU,
23 computer serial number GT80S 6QD-012USK1511000084.

24 5. On personal knowledge:

25 (a) Plaintiff purchased these products for personal use and not for
26 purposes of resale or distribution.

27 (b) Upon viewing website advertisements, product packaging
28

1 and/or publicly available information for this laptop Plaintiff purchased the
2 laptops in question.

3 (c) Plaintiff would not have purchased this laptop at the price he
4 did if this defect had been fully disclosed as existing, or if the degradation
5 in performance resulting from the apparent fixes of this defect had been
6 timely disclosed by Defendants, or we would have not purchased a
7 computer containing a latent defect. Having purchased a computer that
8 contains a CPU that suffers from a material defect as alleged below,
9 Plaintiff therefore suffered a loss of money or property and suffered damage
10 as a result of Defendants' illegal business acts and practices.

11 6. Defendant Intel Corp. is a corporation organized and existing under
12 the laws of the State of California and whose principal place of business and
13 headquarters is in the State of California and this District. Intel Corp. is engaged
14 in the business of designing, manufacturing, selling and/or distributing CPUs,
15 including the series of CPUs at issue here. Defendants design, manufacture,
16 develop and ship their products to purchasers, resellers and distributors in and
17 from California, maintain a direct sales force and customer service department in
18 California, sell their products through retail outlets in California, and create the
19 specifications for their products in and/or disseminates them from California.

20 7. The true and precise names, roles and capacities of Defendants
21 named as Does 1 through 10, inclusive, are currently unknown to Plaintiff and,
22 therefore, are designated and named as Defendants under fictitious names.
23 Plaintiff will identify their true identities and their involvement in the wrongdoing
24 at issue if and when they become known. Defendants' conduct described herein
25 was undertaken or authorized by officers or managing agents who were
26 responsible for supervision and operations decisions relating to the design,
27 manufacture, distribution, marketing, advertising and/or sale by Defendants of the
28

1 Intel CPUs here at issue. At all times relevant hereto, Defendants were engaged in
2 the business of designing, manufacturing, distributing and/or selling, either
3 directly or indirectly through third parties and authorized resellers or agents, these
4 series of CPUs throughout and from California. The described conduct of said
5 managing agents and individuals was therefore undertaken on behalf of
6 Defendants in substantial part in and from California. Defendants further had
7 advance knowledge of the actions and conduct of said individuals whose actions
8 and conduct were ratified, authorized, and/or approved by Defendants and/or their
9 managing agents.

10 8. Each of the above-named Defendants acted in concert and both aided
11 and abetted and conspired with each other to either misrepresent or not disclose
12 the material facts stated herein, with such conduct authorized and/or acted on by
13 and through their officers, employees, agents, servants, and/or representatives.
14 Defendants have engaged in a calculated and coordinated campaign of silence
15 despite their knowledge of the true facts as set forth herein regarding the failure of
16 such products to be sold without containing a material, substantial defect that, if
17 and when resolved will materially impact the performance of Plaintiff and Class
18 members' computers.

19 9. Each reference made in this Complaint to any corporate Defendant in
20 this Complaint includes its predecessors, successors, parents, subsidiaries,
21 affiliates, and divisions of the corporation for the corresponding time period in
22 any way involved in the design, manufacture, promotion, distribution and/or sale
23 of these laptops.

24 **SUMMARY OF FACTS**

25 10. This is a class action lawsuit brought on behalf of consumers who
26 purchased computers containing an Intel x89-64x series of CPUs. Defendant
27 Intel's x86-64x CPUs suffer from a security defect, which causes the CPUs to be

1 exposed to troubling security vulnerabilities by allowing potential access to
2 extremely secure kernel data (the “Defect”). The only way to “patch” this
3 vulnerability requires extensive changes to the root levels of the Operating
4 System, which will dramatically reduce performance of the CPU and thus the
5 computers of Plaintiff and Class members. The Defect renders the Intel x86-64x
6 CPUs unfit for their intended use and purpose. The Defect exists in all Intel x86-
7 64x CPUs manufactured since at least 2008. The x86-64x CPU is, and was,
8 utilized in the majority of all desktop, laptop computers, and servers in the United
9 States.

10 11. To date, Defendants have been unable or unwilling to repair the
11 Defect or offer Plaintiff and class members a non-defective Intel CPU or
12 reimbursement for the cost of such CPU and the consequential damages arising
13 from the purchase and use of such CPUs. Indeed, there does not appear to be a
14 true “fix” for the Defect. The security “patch,” while expected to cure the security
15 vulnerabilities, will dramatically degrade the CPU’s performance in Plaintiff’s and
16 Class members’ computers. Therefore, the only “fix” would be to exchange the
17 defective x86-64x processor with a device containing a processor not subject to
18 this security vulnerability. In essence, Intel x86-64x CPU owners are left with the
19 unappealing choice of either purchasing a new processor or computer containing a
20 CPU that does not contain the Defect, or continuing to use a computer with
21 massive security vulnerabilities or one with significant performance degradation.

22 12. The CPUs Defendants manufactured and were installed in computers
23 sold to Plaintiff and Class members were not merchantable and were not fit for the
24 ordinary and particular purposes for which such goods are used in that the CPUs
25 suffer from a critical security defect, requiring an OS-level software patch that
26 will degrade the performance of the computer.

1 13. While just disclosed, this is not a new issue. For at least 10 years,
2 Defendant has marketed, distributed, and warranted these defective Intel CPUs in
3 California and throughout the United States.

4 14. On or about November 21, 2017, news stories revealed that a large
5 number of Intel processors contain a serious design flaw that creates significant
6 security vulnerabilities for any device that uses Intel processors. The security
7 flaw is in Intel's x86-64 hardware which was first introduced in 2004 and is still
8 in use in the majority of today's modern-day processors.

9 15. The design defect is believed to exist in almost every Intel processor
10 made since at least 2004 regardless of the operating system. Intel's x86-64x
11 processors are the most widely-used chips in virtually all desktop and laptop
12 computers. The Intel processors are also used in most of the large, cloud based
13 servers such as those from Google, Microsoft and Amazon.

14 16. On or about January 2, 2018, it was revealed that the "patch" to this
15 security vulnerability would lead to substantial CPU performance degradation.
16 The "patch" would require root level changes to the Operating System resulting in
17 a substantial decrease in CPU performance as much as 30-50% by some estimates.

18 17. Intel's Intel CPUs have a Defect that is inherent within the CPU itself
19 and/or the result of software or hardware design or manufacturing flaws. Fixing
20 the Defect using an OS-level software patch causes the CPUs to slow down. As
21 The Register reported on January 2, 2018:

22 A fundamental design flaw in Intel's processor chips has
23 forced a significant redesign of the Linux and Windows
24 kernels to defang the chip-level security bug.

25 Programmers are scrambling to overhaul the open-source
26 Linux kernel's virtual memory system. Meanwhile,
27 Microsoft is expected to publicly introduce the necessary
28

1 changes to its Windows operating system in an upcoming
2 Patch Tuesday: these changes were seeded to beta testers
3 running fast-ring Windows Insider builds in November
4 and December.

5 Crucially, these updates to both Linux and Windows will
6 incur a performance hit on Intel products. The effects are
7 still being benchmarked, however we're looking at a
8 ballpark figure of five to 30 per cent slow down,
9 depending on the task and the processor model. More
10 recent Intel chips have features – such as PCID – to
11 reduce the performance hit. [...]

12 Similar operating systems, such as Apple's 64-bit
13 macOS, will also need to be updated – the flaw is in the
14 Intel x86-64 hardware, and it appears a microcode update
15 can't address it. It has to be fixed in software at the OS
16 level, or go buy a new processor without the design
17 blunder.

18 Details of the vulnerability within Intel's silicon are
19 under wraps: an embargo on the specifics is due to lift
20 early this month, perhaps in time for Microsoft's Patch
21 Tuesday next week. Indeed, patches for the Linux kernel
22 are available for all to see but comments in the source
23 code have been redacted to obfuscate the issue.”

24 See https://www.theregister.co.uk/2018/01/02/intel_cpu_design_flaw/ (last
25 visited January 2, 2018).

26 18. Subsequent reporting by *The Register* found that Apple has already
27 provided a software patch for the defect: “Finally, macOS has been patched to
28 counter the chip design blunder since version 10.13.2, according to operating
system kernel expert Alex Ionescu.” (Id.)

19 19. In a follow up article by the *Register* on January 4, 2018, it explained
20 the significance of this Defect and why this Defect (and the failure to disclose it)
21 is material:

1 On a shared system, such as a public cloud server, it is
2 possible, depending on the configuration, for software in
3 a guest virtual machine to drill down into the host
4 machine's physical memory and steal data from other
5 customers' virtual machines. See below for details on
Xen and VMware hypervisor updates.

6 Intel is not the only one affected. Arm and AMD
7 processors are as well – to varying degrees. AMD
8 insisted there is a "near-zero" risk its chips can be
9 attacked in some scenarios, but its CPUs are vulnerable
10 in others. The chip designer has put up a basic page that
attempts to play down the impact of the bugs on its
hardware.

11 ARM has produced a list of its affected cores, which are
12 typically found in smartphones, tablets and similar
13 handheld gadgets. That list also links to workaround
14 patches for Linux-based systems. Nothing useful from
Intel so far.

15 *This is, essentially, a mega-gaffe by the semiconductor*
16 *industry. As they souped up their CPUs to race them*
17 *against each other, they left behind one thing in the dust.*
18 *Security.*

19 One way rival processors differentiate themselves, and
20 perform faster than their competitors, is to rely on
21 speculative execution. In order to keep their internal
22 pipelines primed with computer code to obey, they do
23 their best to guess which instructions will be executed
24 next, fetch those from memory, and carry them out. If the
CPU guesses wrong, it has to undo the speculatively
executed code, and run the actual stuff required.

25 Unfortunately, the chips in our desktop PCs, laptops,
26 phones, fondleslabs, and backend servers do not
27 completely walk back every step taken when they realize
they've gone down the wrong path of code. That means

1 remnants of data they shouldn't have been allowed to
2 fetch remain in their temporary caches, and can be
3 accessed later.

4 https://www.theregister.co.uk/2018/01/04/intel_amd_arm_cpu_vulnerability/

5 20. The Defect's presence is material because fixing the Defect reduces
6 the performance of the CPUs thereby causing the CPUs to slow down from the
7 performance specifications that Defendant promised and that consumers expected
8 when buying a computer with an Intel CPU. The Defect is also material because
9 of the security vulnerabilities Intel based CPUs are exposed to.

10 21. As the January 3, 2018 *Register* article further explains:

11 It is understood the bug is present in modern Intel
12 processors produced in the past decade. It allows normal
13 user programs – from database applications to JavaScript
14 in web browsers – to discern to some extent the layout or
15 contents of protected kernel memory areas.

16 The fix is to separate the kernel's memory completely
17 from user processes using what's called Kernel Page
18 Table Isolation, or KPTI. [...]

19 Whenever a running program needs to do anything useful
20 – such as write to a file or open a network connection – it
21 has to temporarily hand control of the processor to the
22 kernel to carry out the job. To make the transition from
23 user mode to kernel mode and back to user mode as fast
24 and efficient as possible, the kernel is present in all
25 processes' virtual memory address spaces, although it is
26 invisible to these programs. When the kernel is needed,
27 the program makes a system call, the processor switches
28 to kernel mode and enters the kernel. When it is done, the
CPU is told to switch back to user mode, and reenter the
process. While in user mode, the kernel's code and data
remains out of sight but present in the process's page
tables. [...]

1 These KPTI patches move the kernel into a completely
2 separate address space, so it's not just invisible to a
3 running process, it's not even there at all. Really, this
4 shouldn't be needed, but clearly there is a flaw in Intel's
5 silicon that allows kernel access protections to be
bypassed in some way.

6 The downside to this separation is that it is relatively
7 expensive, time wise, to keep switching between two
8 separate address spaces for every system call and for
9 every interrupt from the hardware. These context
10 switches do not happen instantly, and they force the
11 processor to dump cached data and reload information
from memory. This increases the kernel's overhead, and
slows down the computer.

12 **Your Intel-powered machine will run slower as a**
13 **result.**

14 (*Id.* (emphases added).)

15 22. In an effort to run as quickly as possible, Intel processors run
16 something called "speculative execution." In essence, the processor attempts to
17 guess what operation is going to be run next so that code can be standing by,
18 ready to execute. When the processor selects what it believes is the next
19 operation, it will fetch the code(s) needed to carry out that operation and have the
20 code(s) on standby. However, Intel's "speculative execute" code may "fetch"
21 secure codes without first performing a security check which would block such a
22 request. So an innocuous program such as Javascript might be exploited to gain
23 access to extremely secure kernel data. Or as the *The Register* writes, "[t]hat
24 would allow ring-3-level user code to read ring-0-level kernel data. And that is not
25 good."

26 23. The Defect is material because neither Plaintiff, Class members, nor
27 any reasonable consumer would have purchased the defective CPUs, either
28

1 separately or as part of a computer system, at the prices that they did had they
2 known or had they been told by Intel or its retail agents about the Defect prior to
3 purchase.

4 24. The Defect is unprecedented in scope in that it exposes millions and
5 millions of Intel-based computers to critical security vulnerabilities and hacking
6 and the “patch” to cure these security vulnerabilities will result in substantial
7 performance degradation.

8 25. Intel is aware that its CPUs suffer from the Defect that exposes the
9 CPUs to critical security vulnerabilities and that proposed OS-level software
10 patches will slow the performance of these CPU chips. On January 3, 2018, Intel
11 issued a press release in response to the myriad news media reports concerning the
12 Defect, stating:

13 Intel and other technology companies have been made
14 aware of new security research describing software
15 analysis methods that, when used for malicious purposes,
16 have the potential to improperly gather sensitive data
17 from computing devices that are operating as designed.
18 Intel believes these exploits do not have the potential to
19 corrupt, modify or delete data.

20 Recent reports that these exploits are caused by a “bug”
21 or a “flaw” and are unique to Intel products are incorrect.
22 Based on the analysis to date, many types of computing
23 devices — with many different vendors’ processors and
24 operating systems — are susceptible to these exploits.

25 Intel is committed to product and customer security and
26 is working closely with many other technology
27 companies, including AMD, ARM Holdings and several
28 operating system vendors, to develop an industry-wide
approach to resolve this issue promptly and
constructively. Intel has begun providing software and
firmware updates to mitigate these exploits. Contrary to

1 some reports, any performance impacts are workload-
2 dependent, and, for the average computer user, should
3 not be significant and will be mitigated over time.

4 Intel is committed to the industry best practice of
5 responsible disclosure of potential security issues, which
6 is why Intel and other vendors had planned to disclose
7 this issue next week when more software and firmware
8 updates will be available. However, Intel is making this
9 statement today because of the current inaccurate media
10 reports.

11 Check with your operating system vendor or system
12 manufacturer and apply any available updates as soon as
13 they are available. Following good security practices that
14 protect against malware in general will also help protect
15 against possible exploitation until updates can be applied.

16 Intel believes its products are the most secure in the
17 world and that, with the support of its partners, the
18 current solutions to this issue provide the best possible
19 security for its customers.”

20 [https://newsroom.intel.com/news/intel-responds-to-security-research-
22 findings/](https://newsroom.intel.com/news/intel-responds-to-security-research-
21 findings/) (last viewed January 5, 2018)

23 26. Defendants’ press release is misleading because, among other
24 reasons, while it acknowledges the existence of the Defect, it claims other vendors
25 (competitors) products also suffer from this Defect, and downplays the
26 performance impact which it claims “will be mitigated over time.”

27 27. Intel has failed to cure the Defect or offer to replace Plaintiffs’ Intel
28 CPUs with non-defective CPUs and offer full compensation required under
federal and state law.

29 28. Any fix would require extensive changes at the root levels of the OS
30 software, which would assuredly impact the performance of Intel processor-based
31 machines. More importantly, any “fix” would not only directly impact the

1 performance of a particular user's Intel-based device, but have indirect
2 performance impacts. Countless servers that run internet-connected services in
3 the cloud will see a dramatic degradation in performance, which will have a
4 downstream impact to all users of these servers. Thus, cloud-based services like
5 Microsoft, Google, and Amazon will see performance degradation.

6 29. The Defect results in the ability of two branded bugs to infect
7 computers with the CPUs, and apparently has been known by Intel for at least the
8 last six months, if not earlier. As explained in the January 4, 2018 *Guardian*
9 article referenced above:

10 Here's a summary of the two branded bugs:

11 **Meltdown**

12 This is the big bug reported on Tuesday.

13 It can be exploited by normal programs to read the
14 contents of private kernel memory.

15 It affects potentially all out-of-order execution Intel
16 processors since 1995, except Itanium and pre-2013
17 Atoms. It definitely affects out-of-order x86-64 Intel
18 CPUs since 2011. There are workaround patches to kill
19 off this vulnerability available now for Windows, and for
20 Linux. Apple's macOS has been patched since version
21 10.13.2. Installing and enabling the latest updates for
22 your OS should bring in the fixes. You should go for it. If
23 you're a Windows Insider user, you're likely already
24 patched. Windows Server admins must enable the kernel-
25 user space splitting feature once it is installed; it's not on
26 by default.

27 Amazon has updated its AWS Linux guest kernels to
28 protect customers against Meltdown. Google
recommends its cloud users apply necessary patches and
reboot their virtual machines. Microsoft is deploying
fixes to Azure. If you're using a public cloud provider,
check them out for security updates.

1 The workarounds move the operating system kernel into
2 a separate virtual memory space. On Linux, this is known
3 as Kernel Page Table Isolation, or KPTI, and it can be
4 enabled or disabled during boot up. You may experience
5 a performance hit, depending on your processor model
6 and the type of software you are running. If you are a
7 casual desktop user or gamer, you shouldn't notice. If you
8 are hitting storage, slamming the network, or just making
9 a lot of rapid-fire kernel system calls, you will notice a
10 slowdown. Your mileage may vary.

11 It also affects Arm Cortex-A75 cores, which aren't
12 available yet. Qualcomm's upcoming Snapdragon 845 is
13 an example part that uses the A75. There are Linux
14 kernel KPTI patches available to mitigate this. The
15 performance hit isn't known, but expected to be minimal.

16 Additionally, Cortex-A15, Cortex-A57 and Cortex-A72
17 cores suffer from a variant of Meltdown: protected
18 system registers can be accessed, rather than kernel
19 memory, by user processes. Arm has a detailed white
20 paper and product table, here, describing all its
21 vulnerable cores, the risks, and mitigations.

22 Meltdown does not affect any AMD processors.
23 Googlers confirmed an Intel Haswell Xeon CPU would
24 allow a normal user program to read kernel memory.

25 It was discovered and reported by three independent
26 teams: Jann Horn (Google Project Zero); Werner Haas,
27 Thomas Prescher (Cyberus Technology); and Daniel
28 Gruss, Moritz Lipp, Stefan Mangard, Michael Schwarz
(Graz University of Technology).

29 Spectre

30 Spectre allows, among other things, user-mode
31 applications to extract information from other processes
32 running on the same system. Alternatively, it can be used
33 by code to extract information from its own process.
34 Imagine malicious JavaScript in a webpage churning

1 away using Spectre bugs to extract login cookies for
2 other sites from the browser's memory.

3 It is a very messy vulnerability that is hard to patch, but
4 is also tricky to exploit. It's hard to patch because just
5 installing the aforementioned KPTI features is pointless
6 on most platforms – you must recompile your software
7 with countermeasures to avoid it being attacked by other
8 programs, or wait for a chipset microcode upgrade. There
9 are no solid Spectre fixes available yet for Intel and
10 AMD parts.

11 In terms of Intel, Googlers have found that Haswell Xeon
12 CPUs allow user processes to access arbitrary memory;
13 the proof-of-concept worked just within one process,
14 though. More importantly, the Haswell Xeon also
15 allowed a user-mode program to read kernel memory
16 within a 4GB range on a standard Linux install. This is
17 where it gets really icky. It is possible for an
18 administrative user within a guest virtual machine on
19 KVM to read the host server's kernel memory in certain
20 conditions.

21 ***

22 *We're told Intel, AMD and Arm were warned of these*
23 *security holes back in June last year.*

24 30. Defendants uniformly failed to disclose the true specifications of and
25 latent defects in the CPUs at issue, despite likely having evidence to the contrary
26 in their exclusive possession and control. Defendants' uniform omission of the
27 material fact that these CPUs possessed the Defect was likely to be and/or is
28 material and misleading to reasonable consumers.

29 31. Plaintiff and Class members were exposed to Defendants' omissions
30 of material fact regarding this Defect and purchased at least one computer
31 containing this series of CPU. Plaintiff and the Class members were thus sold
32 products that do not perform or possess the capabilities, uses or benefits

1 reasonably expected, and contained a latent design or manufacturing defect that
2 prevents computers containing these CPUs from performing as reasonably
3 expected, or remain subject to a significant security flaw. They have thus been
4 injured in fact or suffered damage as a result. They also did not receive the benefit
5 of their bargain in terms of receiving the product they paid for possessing the
6 characteristics of a not defective fully functioning CPU.

7 32. Despite Defendants' admissions, these CPUs are marketed, installed
8 and sold in computers without either affirmatively disclosing these material
9 limitations or having engaged in a corrective promotional campaign to correct
10 their previous misstatements. Such conduct is on-going.

11 33. Plaintiffs and/or the Class members they seek to represent suffered
12 damage, injury and/or a loss of money or property as a result of such conduct.
13 Plaintiffs thus seek damages, injunctive and equitable relief, attorneys' fees and
14 costs and all other relief as permitted by law on behalf of themselves and all
15 others similarly situated, as applicable to the causes of action set forth herein.

16 **CLASS ACTION ALLEGATIONS**

17 34. Plaintiffs bring this action on behalf of themselves and all others
18 similarly situated as members of a proposed class ("Class"), defined as follows:

19 All persons who, in California and such other states the
20 Court determines to be appropriate, purchased one or
21 more Intel CPUs from Intel and/or its authorized retailer
22 sellers and experienced the Defect or are likely to
23 experience the Defect during the useful life of the CPU.
24 Excluded from the Class are Defendant, its officers and
25 directors at all relevant times, members of immediate
26 families and their legal representatives, heirs, successors,
27 or assigns and any entity in which the Defendant had a
28 controlling interest.

1 35. This action is brought and may properly be maintained as a class
2 action as this action satisfies the numerosity, commonality, typicality, adequacy,
3 predominance, and/or superiority requirements for proceeding on a class-wide
4 basis.

5 36. The Class is so numerous that the individual joinder of all members
6 is impracticable. While the exact number of Class members is currently unknown
7 and can only be ascertained through appropriate discovery, Plaintiffs believe that
8 the Class includes millions of individuals whose identities can be accessed
9 through warranty and purchase records.

10 37. Common legal and factual questions exist and predominate over any
11 questions affecting only individual Class members. These common questions,
12 which do not vary among Class members and which may be determined without
13 reference to Class member's individual circumstances, include, but are not limited
14 to:

- 15 a. Whether and which CPUs contain the Defect;
- 16 b. Whether Defendants had no adequate factual basis for making claims
17 relating to the CPUs prior to making them and when Defendants
18 became aware of the material facts at issue;
- 19 c. Whether Defendants' failure to disclose that the CPUs contain the
20 Defect was material and would be likely to mislead a reasonable
21 consumer;
- 22 d. Whether Defendants' entered into and breached agreements or
23 warranties that are either express or implied by law or equity;
- 24 e. Whether Defendants engaged in unfair, unlawful, and/or deceptive
25 business practices in violation of Cal. Bus. & Prof. Code § 17200, *et*
seq.;
- 26 f. Whether Defendants failed to disclose that the CPUs contain a
27 material Defect in violation of Cal. Bus. & Prof. Code § 17200, *et seq.*

1 and § 17500, *et seq.*, as well as the Consumers Legal Remedies Act;
2 and

- 3 g. Whether Plaintiff and the Class have been injured by the wrongs
4 complained of herein, and whether Plaintiff and the Class are entitled
5 to monetary, injunctive and/or other equitable relief, including
6 damages, restitution, disgorgement or other applicable remedies as
7 applicable to the particular cause of action, and if so, the nature and
8 amount of such relief.

9 38. Based on the allegations set forth above, Plaintiff's claims are typical
10 of the Class members' claims. Defendants' common course of conduct caused
11 Plaintiff and Class members similar harm. Likewise, Plaintiff and other Class
12 members can prove the same common nucleus of operative facts in order to
13 establish Defendants' liability for the same claims.

14 39. Plaintiff is an adequate Class representative because he is a member
15 of the proposed Class and his interests do not irreconcilably conflict with other
16 Class members' interests. Plaintiff retained counsel competent and experienced in
17 consumer protection class actions, and Plaintiff and counsel intend to prosecute
18 this action vigorously for the Class's benefit. Plaintiff and counsel will fairly and
19 adequately protect the Class members' interests.

20 40. Defendants have acted or refused to act, with respect to some or all
21 issues presented in this Complaint, on grounds generally applicable to the Class,
22 thereby making appropriate final injunctive relief with respect to the Class as a
23 whole.

24 41. A class action is superior to other available methods for the fair and
25 efficient adjudication of this litigation and would provide substantial benefits to
26 members of the Class because individual litigation of each Class member's claim
27 is impracticable. Even if each Class member could afford to bring individual
28 actions, the court system could not as it would be unduly burdensome for

1 thousands of individual cases to proceed. Individual litigation also presents the
2 potential for inconsistent or contradictory judgments, the prospect of a race to the
3 courthouse, and the risk of an inequitable allocation of recovery among those with
4 equally meritorious claims. Individual litigation would increase the expense and
5 delay to all parties and the courts because it requires individual resolution of
6 common legal and factual questions. By contrast, the class action device presents
7 far fewer management difficulties and provides the benefit of a single
8 adjudication, economies of scale, and comprehensive supervision by a single court
9 and thus is manageable.

10 CAUSES OF ACTION

11 FIRST CLAIM FOR RELIEF

12 **Violation of California’s Consumers Legal Remedies Act, 13 Cal. Civil Code § 1750, *et seq.***

14
15 42. Plaintiff, individually and on behalf of the Class, incorporate by
16 reference all of the allegations contained in the preceding paragraphs of this
17 Complaint.

18 43. Plaintiffs bring this claim individually and on behalf of the members
19 of the proposed Class against all Defendants.

20 44. California’s Consumers Legal Remedies Act (“CLRA”), Cal. Civ.
21 Code § 1770(a)(5), prohibits “[r]epresenting that goods or services have
22 sponsorship, approval, characteristics, ingredients, uses, benefits, or quantities
23 which they do not have or that a person has a sponsorship, approval, status,
24 affiliation, or connection which he or she does not have.”

25 45. Cal. Civ. Code § 1770(a)(7) prohibits “[r]epresenting that goods or
26 services are of a particular standard, quality, or grade, or that goods are of a
27 particular style or model, if they are of another.”

1 46. Cal. Civ. Code § 1770(a)(14) prohibits “[r]epresenting that a
2 transaction confers or involves rights, remedies, or obligations which it does not
3 have or involve, or which are prohibited by law.”

4 47. Cal. Civ. Code § 1770(a)(16) prohibits “[r]epresenting that the
5 subject of a transaction has been supplied in accordance with a previous
6 representation when it has not.”

7 48. Defendants violated at least these provisions of the CLRA based on
8 the misrepresentations and omissions of material fact set forth above.

9 49. Plaintiff and the Class suffered damage as a result of the acts and
10 omissions of Defendants.

11 50. CLRA notice letters are being served that comply with California
12 Civil Code § 1782(a). If Defendants fail to provide notice to all affected
13 consumers of the relief required under the CLRA of a full repair, replacement or
14 other remedy, as requested in these demand letters and required under the CLRA,
15 Plaintiff will seek actual, statutory and exemplary damages. He does not do so at
16 this time.

17 51. Plaintiff seeks injunctive relief, costs, attorneys’ fees, and all other
18 relief that may be requested for Defendants’ violation of the CLRA.

19 **SECOND CLAIM FOR RELIEF**

20 **Violation of Cal. Bus. & Prof. Code § 17200, *et seq.* –**
21 **“Unfair” Business Practices**

22 52. Plaintiff, individually and on behalf of the Class, incorporate by
23 reference all of the allegations contained in paragraphs 1 through 51 of this
24 Complaint.

25 53. Plaintiff has standing to pursue this claim as Plaintiff have suffered
26 injury in fact and lost money or property as a result of Defendants’ actions, as set
27 forth above. Defendants’ actions as alleged in this Complaint constitute “unfair”

1 business practices within the meaning of California Business and Professions
2 Code § 17200, *et seq.*

3 54. Defendants’ business practices, as alleged herein, are “unfair”
4 because they offend established public policy and/or are immoral, unethical,
5 oppressive, unscrupulous, and/or substantially injurious to their customers.
6 Additionally, Defendants’ conduct is “unfair” because Defendants’ conduct
7 violated legislatively declared policies not to engage in misleading and deceptive
8 conduct, or to not sell defective products. Defendants also concealed material
9 facts from consumers.

10 55. As a result of Defendants’ “unfair” business practices, Plaintiff and
11 members of the Class spent money on computers containing CPUs that contained
12 the Defect.

13 56. Defendants’ unfair business practices alleged herein constitute a
14 continuing course of unfair competition.

15 57. Plaintiff and the Class seek an order for injunctive relief to benefit
16 the public, including a corrective advertising campaign, requiring Defendants to
17 make full disgorgement and restitution of all monies wrongfully obtained from
18 Plaintiff and the Class, and all other relief permitted under Bus. & Prof. Code §
19 17200, *et seq.*

20 **THIRD CLAIM FOR RELIEF**

21 **Violation of Cal. Bus. & Prof. Code § 17200, *et seq.* –**
22 **“Deceptive” Business Practices**

23 58. Plaintiff, individually and on behalf of the Class, incorporate by
24 reference all of the allegations contained in paragraphs 1 through 57 of this
25 Complaint.
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1 59. Plaintiff has standing to pursue this claim as Plaintiff suffered injury
2 in fact and lost money or property as a result of Defendants' actions as set forth
3 above.

4 60. Defendants' actions as alleged in this Complaint constitute
5 "deceptive" business practices within the meaning of California Business and
6 Professions Code § 17200, *et seq.* Plaintiffs do not allege a claim of common law
7 fraud nor any claim in this Cause of Action that requires proof of intent.

8 61. Defendants' business practices, as alleged herein, are "deceptive"
9 because they were and are likely to deceive consumers, including Plaintiff and
10 members of the Class, targeted by such omissions of material fact.

11 62. Defendants failed to disclose material information to purchasers of
12 computers containing the CPUs by concealing the material fact that these CPUs
13 contain the Defect.

14 63. As a result of Defendants' "deceptive" conduct, Plaintiff and
15 members of the Class spent money on computers with CPUs that contain the
16 Defect.

17 64. Defendants' deceptive business practices alleged herein constituted a
18 continuing course of unfair competition.

19 65. Plaintiff and the Class seek an order for injunctive relief to benefit
20 the public, including a corrective advertising campaign, requiring Defendants to
21 make full disgorgement and restitution of all monies that have been wrongfully
22 obtained from Plaintiffs and the Class, and all other relief permitted under Bus. &
23 Prof. Code § 17200, *et seq.*

1 **FOURTH CLAIM FOR RELIEF**

2 **Violation of Cal. Bus. & Prof. Code § 17200, *et seq.* –**
3 **“Unlawful” Business Practices**

4 66. Plaintiff, individually and on behalf of the Class, incorporate by
5 reference all of the allegations contained in paragraphs 1 through 65 of this
6 Complaint.

7 67. Plaintiff has standing to pursue this claim as Plaintiff suffered injury
8 in fact and have lost money or property as a result of Defendants’ actions, as set
9 forth above.

10 68. Defendants’ actions as alleged in this Complaint constitute
11 “unlawful” business practices within the meaning of Business and Professions
12 Code § 17200, *et seq.*, because they violated California Civil Code § 1750, *et seq.*,
13 California Civil Code § 1790, *et seq.*, 15 U.S.C. § 2301, *et seq.*, among other laws,
14 breached applicable warranties, as set forth in detail herein, and engaged in acts
15 resulting in negligence and strict liability.

16 69. As a result of Defendants’ “unlawful” business practices, Plaintiff
17 and members of the Class spent money on computers with CPUs that contain the
18 Defect.

19 70. Defendants’ business practices alleged herein constituted a
20 continuing course of unfair competition.

21 71. Plaintiff and the Class seek an order for public injunctive relief to
22 benefit the public, including a corrective advertising campaign, requiring
23 Defendants to make full disgorgement and restitution of all monies wrongfully
24 obtained from Plaintiffs and the Class, and all other relief permitted under Bus. &
25 Prof. Code § 17200, *et seq.*

1 **FIFTH CLAIM FOR RELIEF**

2 **Breach of Implied Warranties of Merchantability and Fitness For**
3 **Particular Purpose**

4 72. Plaintiff, individually and on behalf of the Class, incorporate by
5 reference all of the allegations contained in paragraphs 1 through 71 of this
6 Complaint.

7 73. Defendants, as the designer, manufacturer, marketer, distributor,
8 and/or seller of the CPUs provided implied warranties of merchantability and
9 fitness for a particular purpose.

10 74. Defendants breached the implied warranty of merchantability, which
11 by law (including, *inter alia*, Cal. Comm. Code § 2314) is provided for the
12 exclusive benefit of consumers in connection with agreements for the sale of
13 computers containing the CPUs because: (a) the CPUs could not pass without
14 objection in the trade under the contract description in that they are missing a key
15 promoted characteristic of the CPUs, i.e., not expose users to security breaches or
16 create a degradation in performance when the Defect is fixed; (b) the CPUs were
17 not of fair average quality within the product description in terms of containing
18 the Defect; (c) were not adequately advertised, packaged, and/or labeled as
19 omitting material facts as to the presence of the Defect; or (d) they did not
20 conform to the promises or affirmations of fact made by Defendants. Plaintiff and
21 Class members did not receive goods as impliedly warranted by Defendants to be
22 “merchantable”, as these CPUs are missing a key characteristic that affected their
23 core functionality. In addition, as this was a latent defect that existed at time of
24 purchase for the reasons described above, the CPUs are rendered unmerchantable.
25 This warranty of merchantability was thus also breached by the existence of an
26 unseen defect in computers containing these CPUs at the time of sale, rather than
27 upon its subsequent discovery in January 2018. Such breach could not reasonably
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1 have been determined at time of sale.

2 75. Defendants also breached the implied warranty of fitness for a
3 particular purpose as provided by law, including, *inter alia*, Cal. Comm. Code §
4 2316. Plaintiff and Class members purchased their computers for a particular
5 purpose Plaintiff and Class members could be reasonably expected to rely upon
6 Defendants' skill and judgment in properly providing the CPUs without
7 containing the Defect and furnish goods suitable for their particular purpose, and
8 thus would have no reason to believe otherwise. As Plaintiff and other Class
9 members would have no way to know based on the design of the internal circuitry
10 of the CPUs laptops whether these CPUs would in fact be contain the Defect,
11 Defendants had reason to know that these buyers were relying on the skill and
12 judgment of Defendants to furnish suitable goods that would satisfy their
13 particular purpose. Defendants had reason to know of the particular purpose of
14 these purchases, and that purchasers would be relying on their skill and judgment
15 to ensure these computers would perform adequately and not subject them to
16 security breaches or degraded performance if and when the Defect is fixed.

17 76. The CPUs were not altered by Plaintiff or Class members.

18 77. The CPUs did not conform to these implied warranties when they left
19 the exclusive control of Defendants.

20 78. Defendants either were or should have been aware that the CPUs
21 would be purchased and used by Plaintiff and Class members without additional
22 testing. In addition, Defendants either were or should have been aware that these
23 CPUs contained the Defect.

24 79. Plaintiff and Class members did not receive these goods as impliedly
25 warranted.

26 80. All conditions precedent to seeking liability for breach of these
27 implied warranties have been performed by or on behalf of Plaintiff and Class
28

1 members in terms of paying for the goods at issue and Defendants having been
2 placed on reasonable notice of these breaches within a reasonable time after such
3 breaches were discovered, and having been given an opportunity to cure these
4 breaches as to Plaintiff and all Class members and provide compensation prior to
5 asserting this claim in this action. Defendants have failed to repair or replace the
6 CPUs, voluntarily offer to take sufficient remedial measures, or otherwise provide
7 appropriate and complete relief at no cost to Plaintiff and Class members.

8 81. As a direct and proximate cause of Defendants' breaches of implied
9 warranties, Plaintiff and Class members have been injured and harmed, in an
10 amount to be determined at trial.

11 **SIXTH CLAIM FOR RELIEF**

12 **Violation of Song-Beverly Warranty Act, California Civil Code** 13 **§ 1790, *et seq.***

14 82. Plaintiff, individually and on behalf of the Class, incorporate by
15 reference all of the allegations contained in paragraphs 1 through 65 and 73
16 through 81 of this Complaint.

17 83. Under the Song-Beverly Consumer Warranty Act, Cal. Civ. Code
18 § 1790, *et seq.*, every sale of consumer goods in this State is accompanied by both
19 a manufacturer's and retail seller's implied warranty that the goods are
20 merchantable, as defined in that Act. In addition, every sale of consumer goods in
21 this State is accompanied by both a manufacturer's and retail seller's implied
22 warranty of fitness when the manufacturer or retailer has reason to know that the
23 goods as represented have a particular purpose and that the buyer is relying on the
24 manufacturer's or retailer's skill or judgment to furnish suitable goods consistent
25 with that represented purpose.
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1 84. Plaintiff and the Class members who purchased one or more
2 computers containing the CPUs, which are “consumer goods” within the meaning
3 of Cal. Civ. Code § 1791(a), in this State are “retail buyers” within the meaning of
4 Cal. Civ. Code § 1791.

5 85. Defendants are in the business of manufacturing, assembling,
6 producing and/or selling the CPUs to retail buyers, and therefore are a
7 “manufacturer” and “seller” within the meaning of Cal. Civ. Code § 1791.

8 86. Defendants impliedly warranted to such retail buyers that the CPUs
9 were merchantable in that they would: (a) pass without objection in the trade or
10 industry under the contract description, (b) conform to promises and affirmation
11 of fact made on the packaging, container or label, and (c) were fit for the ordinary
12 purposes for which these particular laptops are used as represented by Defendants.
13 In order for a consumer good to be “merchantable” under the Act, it must satisfy
14 all of these three elements. In addition, Defendants impliedly warranted that these
15 CPUs would be fit for their particular purpose.

16 87. Defendants have breached both implied warranties. The CPUs they
17 sold were not of the same quality as those generally acceptable in the trade,
18 contained design and/or manufacturing defects, did not comply with affirmations
19 on the labeling or packaging of the products, and were not fit for the particular
20 purposes for which such goods are sold. The existence of this breach was
21 discovered based on the disclosures set forth above in January 2018... This defect
22 was latent in the product and undiscoverable at time of sale. Thus, any applicable
23 statutes or time periods did not begin to run until such disclosures.

24 88. Defendants have been unwilling or unable to repair or replace these
25 CPUs with non-defective CPUs, , making it futile for Plaintiff to make such
26 requests since, according to Defendants as set forth above, no reasonable number
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1 of repair attempts would permit Defendants the ability to conform the CPUs to the
2 applicable warranties. Plaintiff thus complied with all provisions of the Act

3 89. As a result of Defendants' breach of the applicable implied
4 warranties as set forth above, Plaintiff and all Class members that can assert this
5 claim have been damaged by Defendants' failure to comply with their obligations
6 under the Act, entitling them to recovery of direct, proximate, incidental and
7 consequential damages, the right of refund, repair and/or replacement at no
8 additional cost as provided under the Act as necessary to make the goods conform
9 to Defendants' representations and promises, attorneys' fees and costs, interest on
10 all such sums, and all other legal and equitable relief as may be appropriate under
11 the Act.

12 **SEVENTH CLAIM FOR RELIEF**

13 **Violation of The Magnuson-Moss Warranty Act** 14 **15 U.S.C. §§ 2301, *et seq.***

15
16 90. Plaintiff, individually and on behalf of the Class, incorporate by
17 reference all of the allegations contained in paragraphs 1 through 65 and 73
18 through 89 of this Complaint.

19 91. The CPUs are a "consumer product" as defined in 15 U.S.C. §
20 2301(1).

21 92. Plaintiff and Class members are "consumers" as defined in 15 U.S.C.
22 § 2301(3).

23 93. Defendants are "suppliers" and "warrantors" as defined in 15 U.S.C.
24 § 2301(4) and (5).

25 94. Defendants violated the Magnuson-Moss Warranty Act by breaching
26 the applicable implied warranties of merchantability and fitness for particular
27 purpose, as set forth in detail above.

1 95. Plaintiff and Class members were injured as a direct and proximate
2 result of Defendants' breach of these express and implied warranties because the
3 CPUs they received did not conform with what they reasonably expected, and
4 they did not receive the benefit of their promised bargain due to the existence of
5 the Defect in the CPUs.

6 96. By reason of Defendants' breaches of warranty, Defendants violated
7 the statutory rights of Plaintiff and the Class members pursuant to the Magnuson-
8 Moss Warranty Act, 15 U.S.C. § 2301, *et seq.*, Plaintiff and Class members are
9 entitled to the relief provided under that statute, including recovery of direct,
10 proximate, incidental and consequential damages, the right of refund, repair
11 and/or replacement at no additional cost to make these goods conform to
12 Defendants' representations and promises, attorneys' fees and costs, interest on all
13 such sums, and all other legal and equitable relief as may be appropriate under the
14 Magnuson-Moss Warranty Act.

15 **EIGHTH CLAIM FOR RELIEF**

16 Common Counts – Assumpsit, Restitution, Unjust Enrichment
17 And/or Quasi-Contract

18 97. Plaintiff, individually and on behalf of the Class, incorporate by
19 reference all of the allegations contained in paragraphs 1 through 41 of this
20 Complaint.

21 98. This cause of action is alleged as an alternative to the claims for relief
22 set forth in this Complaint based on breach of warranties, as permitted under Fed.
23 R. Civ. Proc. 8(d)(2).

24 99. Plaintiff and the Class members plead just grounds for recovering
25 money paid for benefits Defendants received from them, and have a right to
26 restitution at law through an action derived from the common-law writ of
27

1 assumpsit, by implying a contract at law based on principles of restitution and
2 unjust enrichment, or through quasi-contract.

3 100. Defendants, having been unjustly conferred a benefit by Plaintiff and
4 Class members through acts of mistake, fraud or request as set forth above, and
5 having received such benefits by selling defective products and omitting material
6 facts as set forth in detail above, are required to make restitution. The
7 circumstances here are such that, as between the two, it is unjust for Defendants to
8 retain such a benefit based on the conduct described above. Nothing in this cause
9 of action requires a showing such laptops are valueless; rather, the measure of
10 appropriate restitutionary damages is the amount paid by Plaintiff and Class
11 members as they did not get the exchange that they expected. The return of that
12 benefit is the remedy typically sought for this cause of action, as such money or
13 property belongs in good conscience to Plaintiff and Class members, and can be
14 traced to funds or property in Defendants' possession. Plaintiff and Class
15 members have unjustly enriched Defendants through payments and the resulting
16 profits enjoyed by Defendants as a result of payments for the CPUs in question.
17 Their detriment and Defendants' enrichment were related to and flowed from the
18 conduct challenged in this Complaint.

19 101. By virtue of the purchase and sale of computers containing these
20 CPUs, Defendants alternatively entered into a series of implied-at-law or quasi-
21 contracts that resulted in a sum certain being had and received by Defendants,
22 either directly or indirectly, at the expense of Plaintiff and Class members under
23 agreements in assumpsit. Plaintiff and Class members conferred a benefit upon
24 Defendants by purchasing computers containing these CPUs. As set forth above,
25 Plaintiff Jones paid the sum certain of \$3,047.91, for his computer to authorized
26 retailers of Defendants or sellers of computers that contained the CPUs. In
27 question for which Defendants received direct compensation. Defendants had
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1 knowledge of the general receipt of such benefits, which Defendants received,
2 accepted, and retained. Defendants owe Plaintiffs and Class members specific
3 sums that can be obtained either directly from Class members, Defendants or their
4 authorized retailers.

5 102. Under principles of restitution recognized under California law, an
6 entity that has been unjustly enriched at the expense of another by the retention of
7 a benefit wrongfully obtained is required to make restitution to the other. In
8 addition, under common law principles recognized in claims of common counts,
9 assumpsit, unjust enrichment, restitution, and/or quasi-contract, under the
10 circumstances alleged herein it would be inequitable for Defendants to retain such
11 benefits without paying restitution or restitutionary damages. Such principles
12 require Defendants to return such benefits when the retention of such benefits
13 would unjustly enrich Defendants. They should not be permitted to retain the
14 benefits conferred by Plaintiff and Class members via payments for these laptops.
15 Other remedies and claims may not permit them to obtain such relief, otherwise
16 leaving them without an adequate remedy at law.

17 103. Plaintiff and Class members seek appropriate monetary relief for
18 sums certain as is permitted by law for such claims. In addition, pursuant to
19 California Civil Code § 2224, “[o]ne who gains a thing by fraud, accident,
20 mistake, undue influence, the violation of a trust, or other wrongful act, is, unless
21 he or she has some other and better right thereto, an involuntary trustee of the
22 thing gained, for the benefit of the person who would otherwise have had it.”
23 Based on the facts and circumstances alleged above, in order to prevent unjust
24 enrichment and to prevent Defendants from taking advantage of their own
25 wrongdoing, Plaintiff and Class members are further entitled to the establishment
26 of a constructive trust, in a sum certain, of all monies charged and collected or
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1 retained by Defendants for the products at issue from which Plaintiff and Class
2 members may seek restitution.

3 4 **NINTH CLAIM FOR RELIEF**

5 **Strict Liability**

6 104. Plaintiff, individually and on behalf of the Class, incorporate by
7 reference all of the allegations contained in paragraphs 1 through 42 of this
8 Complaint.

9 105. Plaintiff and the Class were harmed by CPUs Defendants
10 manufactured, which were contained in, but also separate and apart from, the
11 computers they purchased.

12 106. Defendant's CPUs contained a manufacturing defect, or were
13 defectively designed for the reasons set forth above.

14 107. Plaintiff and Class members have been harmed, as they now own a
15 computer with a CPU that due to such manufacturing or design defect is subject to
16 invasion of a supposedly core protected part of the CPU and decreased
17 performance, in an amount according to proof at trial.

18 **TENTH CLAIM FOR RELIEF**

19 **Negligence**

20 108. Plaintiff, individually and on behalf of the Class, incorporate by
21 reference all of the allegations contained in paragraphs 1 through 41 of this
22 Complaint.

23 109. Defendants were negligent in the manufacture and design of the
24 CPUs containing the Defect, which CPUs were contained in, but also separate and
25 apart from, the computers Plaintiff and Class members purchased.

1 110. Defendant's negligence was a substantial factor and reasonably
2 foreseeable in causing harm to Plaintiff and Class members.

3 111. Plaintiff and Class members have been harmed, as they now own a
4 computer with a CPU that due to such manufacturing or design defect is subject to
5 invasion of a supposedly core protected part of the CPU and decreased
6 performance, in an amount according to proof at trial.

7
8 **PRAYER FOR RELIEF**

9 WHEREFORE, Plaintiff, individually and on behalf of the Class, requests
10 that the Court order the following relief and enter judgment against Defendants as
11 follows as applicable for the particular cause of action:

12 1. An Order certifying the proposed Class and appointing Plaintiff and
13 counsel to represent the Class;

14 2. An Order awarding declaratory and/or public injunctive relief as
15 permitted by law or equity, including enjoining Defendants from continuing the
16 practices as set forth herein;

17 3. An order that Defendants engage in a corrective advertising
18 campaign and imposing a constructive trust;

19 4. A judgment awarding Plaintiff and the Class refunds, restitution
20 and/or restitutionary disgorgement in an amount according to proof;

21 5. A judgment awarding Plaintiff and the Class actual, compensatory,
22 general, special, statutory and/or exemplary damages if available under that cause
23 of action as presently plead;

24 6. An order awarding attorneys' fees and costs incurred in prosecuting
25 this action pursuant to, *inter alia*, Cal. Code of Civ. Proc. § 1021.5; Cal. Civ.
26 Code § 1750, *et seq.*; Cal. Civ. Code § 1790, *et seq.*; 15 U.S.C. § 2301, *et seq.*,
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1 and the private Attorney General, common fund and substantial or public benefit
2 theories of recovery;

- 3 7. An order awarding pre-judgment and post-judgment interest; and
4 8. All other relief that the Court deems necessary, just and proper.

5
6 **JURY TRIAL DEMAND**

7 Plaintiff demands a trial of this action by a jury on all claims so triable.

8 DATED: January 5, 2017

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19 CALIFORNIA

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27 *Attorneys for Plaintiff*

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15 *Attorneys for Plaintiffs*

16 **IN THE UNITED STATES DISTRICT COURT**

17 **FOR THE NORTHERN DISTRICT OF CALIFORNIA – SAN JOSE DIVISION**

18 **CARL JONES, individually and on behalf of**
19 **all others similarly situated,**

20 **Plaintiff,**

21 **v.**

22 **INTEL CORP. and DOES 1-10,**

23 **Defendants.**

CASE NO.:

CLASS ACTION

DECLARATION OF VENUE

24 I, ALAN M. MANSFIELD, declare as follows:

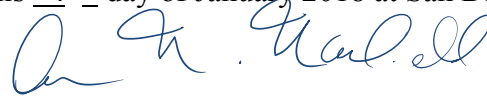
25 1. I am one of the counsel for Plaintiffs in this action and make this declaration to the best
26 of my knowledge, information and belief of the facts stated herein.

27 2. At all relevant times herein, Defendants Intel Corp. is a corporation organized and
28 existing under the laws of the State of California and whose principal place of business and
headquarters is in the State of California, and were and are doing business within this District either
directly or indirectly through the manufacture, design, marketing, distribution, and sale of products at
issue in this litigation in this District, and engage in transactions in this District, and where the
transactions or substantial portions thereof occurred.

1 3. The Complaint filed in this matter contains a cause of action for violation of the
2 Consumers Legal Remedies Act (“CLRA”), Cal. Civil Code § 1750, *et seq.*, as against Defendants.

3 4. Per the foregoing assertions, this cause of action has been properly commenced in the
4 proper Judicial District for trial.

5 I declare under penalty of perjury under the laws of the State of California that the foregoing is
6 true and correct. This declaration was signed this 4th day of January 2018 at San Diego, California.

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8 _____
ALAN M. MANSFIELD

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