Legal Notices and Disclaimers

• INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL’S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL’S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS’ FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document 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.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Copies of documents which have an order number and are referenced in this document, or other Intel literature, may be obtained by calling 1-800-548-4725, or go to: http://www.intel.com/design/literature.htm

• Copyright © 2015 Intel Corporation.
• Intel, the Intel logo, the Intel Inside logo, Xeon, Xeon Inside, Intel Atom, Intel Atom Inside, Itanium, and Intel Xeon Phi are trademarks of Intel
• This document contains information on products in the design phase of development.
• All products, computer systems, dates and figures specified are preliminary based on current expectations, and are subject to change without notice.
• Intel may make changes to specifications and product descriptions at any time, without notice.
• Any code names featured are used internally within Intel to identify products that are in development and not yet publicly announced for release. Customers, licensees and other third parties are not authorized by Intel to use code names in advertising, promotion or marketing of any product or services and any such use of Intel’s internal code names is at the sole risk of the user.
Security features enabled by Intel® AMT require an enabled chipset, network hardware and software and a corporate network connection. Intel AMT may not be available or certain capabilities may be limited over a host OS-based VPN or when connecting wirelessly, on battery power, sleeping, hibernating or powered off. Setup requires configuration and may require scripting with the management console or further integration into existing security frameworks, and modifications or implementation of new business processes. For more information, see http://www.intel.com/technology/amt.

Hyper-Threading Technology requires a computer system with a processor supporting HT Technology and an HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. For more information including details on which processors support HT Technology, see here

Intel® Anti-Theft Technology (Intel® AT). No computer system can provide absolute security under all conditions. Intel® AT requires the computer system to have an Intel® AT-enabled chipset, BIOS, firmware release, software and an Intel® AT-capable service provider/ISV application and service subscription. The detection (triggers), response (actions), and recovery mechanisms only work after the Intel® AT functionality has been activated and configured. Certain functionality may not be offered by some ISVs or service providers and may not be available in all countries. Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof.

Intel® Turbo Boost Technology requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. For more information, see http://www.intel.com/technology/turboboost

Intel® Identity Protection Technology. No computer system can provide absolute security. Requires an Intel® Identity Protection Technology-enabled system, including an enabled Intel® processor, enabled chipset, firmware, software, and Intel integrated graphics (in some cases) and participating website/service. Intel assumes no liability for lost or stolen data and/or systems or any resulting damages. For more information, visit http://ipt.intel.com/. Consult your system manufacturer and/or software vendor for more information.

Intel® Rapid Start Technology. Requires a 4th generation Intel® Core™ processor, enabled chipset, Intel® Rapid Storage Technology (Intel® RST) software.

KVM Remote Control (Keyboard, Video, Mouse) is only available with Intel® Core™ i5 vPro™ and Core™ i7 vPro™ processors with Intel® Active Management technology activated and configured and with integrated graphics active. Discrete graphics are not supported.

Intel® Data Protection Technology includes the following features: Secure Key and Advanced Encryption Standard New Instructions (Intel® AES-NI). No computer system can provide absolute security. Requires an enabled Intel® processor and software optimized for use of the technology. Consult your system manufacturer and/or software vendor for more information.
Risk Factors

The above statements and any others in this document that refer to plans and expectations for the quarter, the year and the future are forward-looking statements that involve a number of risks and uncertainties. Words such as “anticipates,” “expects,” “intends,” “plans,” “believes,” “seeks,” “estimates,” “may,” “will,” “should” and their variations identify forward-looking statements. Statements that refer to or are based on projections, uncertain events or assumptions also identify forward-looking statements. Many factors could affect Intel’s actual results, and variances from Intel's current expectations regarding such factors could cause actual results to differ materially from those expressed in these forward-looking statements. Intel presently considers the following to be important factors that could cause actual results to differ materially from the company's expectations. Demand for Intel's products is highly variable and, in recent years, Intel has experienced declining orders in the traditional PC market segment. Demand could be different from Intel's expectations due to factors including changes in business and economic conditions; consumer confidence or income levels; customer acceptance of Intel's and competitors' products; competitive and pricing pressures, including actions taken by competitors; supply constraints and other disruptions affecting customers; changes in customer order patterns including order cancellations; and changes in the level of inventory at customers. Intel operates in highly competitive industries and its operations have high costs that are either fixed or difficult to reduce in the short term. Intel's gross margin percentage could vary significantly from expectations based on capacity utilization; variations in inventory valuation, including variations related to the timing of qualifying products for sale; changes in revenue levels; segment product mix; the timing and execution of the manufacturing ramp and associated costs; excess or obsolete inventory; changes in unit costs; defects or disruptions in the supply of materials or resources; and product manufacturing quality/yields. Variations in gross margin may also be caused by the timing of Intel product introductions and related expenses, including marketing expenses, and Intel's ability to respond quickly to technological developments and to introduce new products or incorporate new features into existing products, which may result in restructuring and asset impairment charges. The amount, timing and other execution of Intel's stock buyback program could be affected by changes in Intel's priorities for the use of cash for other purposes, such as operational spending, capital spending, acquisitions, and because of changes in cash flows and changes in tax laws. Intel's results could be affected by adverse economic, social, political and physical/infrastructure conditions in countries where Intel, its customers or its suppliers operate, including military conflict and other security risks, natural disasters, infrastructure disruptions, health concerns and fluctuations in currency exchange rates. Intel's results could be affected by the timing of closing of acquisitions, divestitures and other significant transactions. Intel's results could be affected by adverse effects associated with product defects and errata (deviations from published specifications), and by litigation or regulatory matters involving intellectual property, stockholder, consumer, antitrust, disclosure and other issues. An unfavorable ruling could include monetary damages or an injunction prohibiting Intel from manufacturing or selling one or more products, precluding particular business practices, impacting Intel's ability to design its products, or requiring other remedies such as compulsory licensing of intellectual property. A detailed discussion of these and other factors that could affect Intel’s results is included in Intel's SEC filings, including the company's most recent reports on Form 10-Q, Form 10-K and earnings release.
INTEL® DESKTOP PUBLIC ROADMAP

2H 2015
Expires end of Q1 2016
Info: roadmaps@intel.com
Legal Information

© 2015 Intel Corporation

Celeron, Intel, the Intel logo, Intel Core, Intel. Experience What's Inside, the Intel. Experience What's Inside logo, Intel Inside, the Intel Inside logo, Intel vPro, and Pentium are trademarks of Intel Corporation in the U.S. and/or other countries.

All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest Intel product specifications and roadmaps.

Statements in this document that refer to Intel's plans and expectations for the quarter, the year, and the future, are forward-looking statements that involve a number of risks and uncertainties. A detailed discussion of the factors that could affect Intel's results and plans is included in Intel's SEC filings, including the annual report on Form 10-K.
### INTEL® DESKTOP PUBLIC ROADMAP - CONSUMER

#### 2015

<table>
<thead>
<tr>
<th>Segment</th>
<th>Processors</th>
</tr>
</thead>
</table>
| Intel® High End Desktop Processors           | Intel® Core™ i7 processor Extreme Edition: i7-5960X  
 |                                              | Intel® Core™ i7 processors: i7-5930K, i7-5820K  
 |                                              | Intel® Chipset: Intel® X99 Chipset             |
| Intel® Core™ i7 Processors                   | 6th Generation Intel® Core™ i7 processors: i7-6700K, i7-6700T  
 |                                              | Intel® Chipsets: Intel® H170 and Z170 Chipsets  
 |                                              | 5th Generation Intel® Core™ i7 processor: i7-5775C  
 |                                              | Intel® Chipsets: Intel® H97 and Z97 Chipsets    |
| Intel® Core™ i5 Processors                   | 6th Generation Intel® Core™ i5 processors: i5-6600K, i5-6600, i5-6500, i5-6600T, i5-6500T  
 |                                              | Intel® Chipsets: Intel® H170 and Z170 Chipsets  
 |                                              | 5th Generation Intel® Core™ i5 processor: i5-5675C  
 |                                              | Intel® Chipsets: Intel® H97 and Z97 Chipsets    |
| Intel® Core™ i3 Processors                   | 6th Generation Intel® Core™ i3 processors: i3-6320, i3-6300, i3-6100, i3-6300T, i3-6100T  
 |                                              | Intel® Chipset: Intel® H170 Chipset             |
| Intel® Pentium® and Celeron® Processors (LGA)| Intel® Pentium® Processors: G4520, G4500, G4400, G4500T, G4400T  
 |                                              | Intel® Chipset: Intel® H110 Chipset             
 |                                              | Intel® Celeron® Processors: G1850, G1840, G1840T  
 |                                              | Intel® Chipset: Intel® H81 Chipset              |
| Intel® Pentium® and Celeron® SoC Processors  | Intel® Pentium® Processor: N3700                 
 |                                              | Intel® Celeron® Processors: N3150, N3050         |
## INTEL® DESKTOP PUBLIC ROADMAP - BUSINESS

### 2015

<table>
<thead>
<tr>
<th>Processor Line</th>
<th>6th Generation Intel® vPro™ Processors</th>
<th>6th Generation Intel® SIPP Core™ Processors</th>
<th>6th Generation Intel® Core™ i3 Processors</th>
<th>Intel® Pentium® Processors (LGA)</th>
<th>Intel® Pentium® and Celeron® Processors (BGA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel® vPro™ Processors</td>
<td>6th Generation Intel® vPro™ Core™ i7 processors: i7-6700, i7-6700T 6th Generation Intel® vPro™ Core™ i5 processors: i5-6600, i5-6500, i5-6600T, i5-6500T Intel® Chipset: Intel® Q170 Chipset</td>
<td>6th Generation Intel® Core™ i7 processors: i7-6700, i7-6700T 6th Generation Intel® Core™ i5 processors: i5-6600, i5-6600T, i5-6500, i5-6500T Intel® Chipsets: Intel® Q170 and Q150 Chipsets</td>
<td>6th Generation Intel® Core™ i3 processors: i3-6320, i3-6300, i3-6100, i3-6300T, i3-6100T Intel® Chipsets: Intel® Q150 and B150 Chipsets</td>
<td>Intel® Pentium® Processors: G4520, G4500, G4400, G4500T, G4400T Intel® Chipset: Intel® H110 Chipset</td>
<td>Intel® Pentium® Processor: N3700 Intel® Celeron® Processors: N3150, N3050</td>
</tr>
</tbody>
</table>
INTEL® DATACENTER GROUP PUBLIC ROADMAP

2H 2015
Expires end of Q1 2016
Info: roadmaps@intel.com
Legal Notices and Disclaimers

This document contains information on products, services and/or processes in development. All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest forecast, schedule, specifications and roadmaps.

Intel technologies’ features and benefits depend on system configuration and may require enabled hardware, software or service activation. Learn more at intel.com, or from the OEM or retailer. No computer system can be absolutely secure.

Tests document performance of components on a particular test, in specific systems. Differences in hardware, software, or configuration will affect actual performance. Consult other sources of information to evaluate performance as you consider your purchase. For more complete information about performance and benchmark results, visit http://www.intel.com/performance.

Statements in this document that refer to Intel’s plans and expectations for the quarter, the year, and the future, are forward-looking statements that involve a number of risks and uncertainties. A detailed discussion of the factors that could affect Intel’s results and plans is included in Intel’s SEC filings, including the annual report on Form 10-K.

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.

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

Intel does not control or audit third-party benchmark data or the web sites referenced in this document. You should visit the referenced web site and confirm whether referenced data are accurate.

Intel, the Intel logo, Pentium, Celeron, Atom, Core, Xeon and others are trademarks of Intel Corporation in the U.S. and/or other countries. *Other names and brands may be claimed as the property of others.

© 2015 Intel Corporation.