

# Intel Atom® Processor E3826

1M Cache, 1.46 GHz

Specifications

**Product Images** 

**Ordering Code** 

Ordering and Compliance

#### Ordering and spec information

#### Intel Atom® Processor E3826 (1M Cache, 1.46 GHz) FC-BGA13F, Tray

Spec Code SR1X8

Step D0

RCP \$37.00

Intel Atom® Processor E3826 (1M Cache, 1.46 GHz) FC-BGA13F, Tray

Spec Code SR3UX

Ordering Code FH8065301542215

Step D1

RCP \$37.00

#### Retired and discontinued

#### Intel Atom® Processor E3826 (1M Cache, 1.46 GHz) FC-BGA13F, Tray

Spec Code SR1RC

Ordering Code FH8065301542213

Step B3

#### **Trade compliance information**

ECCN 5A992CN3

CCATS G143235

US HTS 8542310001

### **PCN/MDDS Information**

SR1X8

FH8065301542215

935356

\$R3UX

962766

MDDS

\$R1RC

932050

PCN | MDDS

Downloads and Software

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

See http://www.intel.com/content/www/us/en/architecture-and-technology/hyper-threading/hyper-threading-technology.html? wapkw=hyper+threading for more information including details on which processors support Intel® HT Technology.

Max Turbo Frequency refers to the maximum single-core processor frequency that can be achieved with Intel® Turbo Boost Technology. See <a href="https://www.intel.com/technology/turboboost/">www.intel.com/technology/turboboost/</a> for more information.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers, typically represent 1,000-unit purchase quantities, and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. If sold in bulk, price represents individual unit. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

For benchmarking data see http://www.intel.com/performance.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See <a href="http://www.intel.com/content/www/us/en/processors/processor-numbers.html">http://www.intel.com/content/www/us/en/processors/processor-numbers.html</a> for details.

Processors that support 64-bit computing on Intel® architecture require an Intel 64 architecture-enabled BIOS.

Intel Atom® Processor E3826

1M Cache, 1.46 GHz

Product Images

Downloads and Software

Code Name         Products formerly Bay Yrail           Vertical Segment         Imbedded           Forescent Name         EB26           Status         Launched           Launch Date (**)         22 m           Recommended Customer Price (**)         \$17,000           But Conditions (**)         Automotive, Industrial Commercial Temp, Industria	Essentials	♠ Export specificati
Vertical Segment         Embodded           Processor Funther         1266           Status         Lanched           Lanch Date ↑         Q413           Lamon Date ↑         3700           Des Conditions ↑         Automotive Mudantial Commercial Temp, Industrial Date of Processor Base Frequency ↑         146 GHz           Carbot ↑         146 GHz           Carb ↑         148 L2           Do ↑         147 CHR           Supplemental Information         Ver           Embodded Option Available ↑         Ver           Databasete         Ver           Memory Specifications         2           Max all Memory State Elegendente on memory type) ↑         8 GB           Memory Specifications         2           ECC Memory Supported ↑         2 GB           Processor Graphics         Processor Graphics           Processor Graphics         19           Processor Graphics ↑         1933 Mate           Graphics Blass Frequency ↑	Product Collection	Intel® Atom® Processor E Series
Processor Number   Satus   Launched   Lau	Code Name	Products formerly Bay Trail
Satus Launch Date (*) C473 Launch C474 Launch	-	
Launch Date ① CP13 Lineagraphy ① 22 mm Recommended Cutomer Price ② 23750  Das Conditions ② Automotive, industrial Commercial Temp, industrial Temp, industrial Commercial Temp, industrial Commercial Temp, industrial Commercial Temp, industrial Commercial Temp, industrial Temp, industrial Commercial Temp, industrial Temp, industrial Commercial Temp, industrial Temp, in		
Lithography (**) 22 nm Recommended Customer Price (**) 337.00 Recommended Customer Price (**) 237.00 Recommended Customer Price (**) 24 Automote, Industrial Commercial Temp, Industrial Commercial Te		
Recommended Customer Price   Automative, industrial Commercial Temp, industrial Use Conditions   Automative, industrial Commercial Temp, industrial Extended Temp, Embedded Broad Market Commercial Free Performance  3 of Cross   3 of Cross   3 of Cross   4 of Cross   1 MB L2  TD	Launch Date ?	Q4'13
Liva Conditions (*) Automation Indicated Commercial Free Productional Temps (Indicated Commercial Free Productional Temps)  **Portrainance**  ***Cores** (*) 2 **Commercial Prequency (*) 146 GHz Cache (*) 19812  **Cores of Res Prequency (*) 146 GHz Cache (*) 19812  **Cores of Res Prequency (*) 146 GHz Cache (*) 19812  **Cores of Res Prequency (*) 19812  **Supplemental Information**  **Processor State Prequency (*) 19812  **Supplemental Information**  **Preceded Cytons Available (*) 1982  **Descriptional Research (*) 1982  **Descriptional Research (*) 1982  **Memory Specification**  **Make Memory Specification**  **Make Memory Specification**  **Make Memory Specification**  **Make Memory Specification**  **Processor Graphics**  **Processor Graphics**  **Processor Graphics (*) 1982  **Processor Gra	Lithography ?	22 nm
Performance  of Cores (**)  processor Stap Frequency (**)  Embedded Options Available (**)  Databete  Ween row  Memory Specifications  Nal. Memory Specifications  No. Core Speci	Recommended Customer Price 2	
ar of Cores (?) 2 ard Threads (?) 1 AG Gize Cache (?) 1 MB L2 TDP (?) 7W  Supplemental Information  Enheaded Gynons Available (?) Yes Datasheet Wheney Specifications  Memory Specifications  Memory Specifications  Mas Momory State (dependent on memory type) (?) 8 GB  Memory Specifications  Mas Momory State (dependent on memory type) (?) 8 GB  Memory Types (?) 100ELL 1067  Mas at Memory Supported (?) Yes  Processor Graphics  Processor Graphics  Processor Graphics (?) 1033 Matz Graphics Burst Frequency (?) 233 Matz Graphics Burst Frequency (?) 233 Matz Graphics Burst Frequency (?) 233 Matz Graphics Burst Frequency (?) 40 Matz Hand (?) 100 Express Lanes (?) 4  ### Of Diophys Supported (?) 20  ### Of Diophys Supported (?) 20  ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ### Of Diophys Supported (?) 20 ###	Use Conditions ?	Automotive, Industrial Commercial Temp, Industrial Extended Temp, Embedded Broad Market Commercial Temp
# Or Processor Supported   2 Processor Supported   7 P	Performance	
# Or Processor Supported   2 Processor Supported   7 P	# of Cores (?)	2
Processor Base Frequency ① 1.46 GHz Cache ① 19812 Cache ① 19812 TOW  Supplemental Information  Beneded Cytions Available ② Yes Datacheet Vere row  Memory Specifications  Max Memory Size (dependent on memory type) ② 8 GB Memory Types ② 0DBR3 1067  Max of Memory Cyting (Spendent on memory type) ② 18 GB Memory Types ② 0DBR3 1067  Max of Memory Cyting (Spendent on Memory Type) ② 18 GB Memory Types ③ 18 Met  Memory Types ③ 18 Met  Met Pto Graphics for Intel Atom* Processor 23700 Sense  Memory Types ③ 18 Met  Met Pto Graphics for Intel Atom* Processor 23700 Sense  Memory Types ③ 18 Met  Met Pto Graphics Seprended ③ 18 Met  Met at of Pto Graphics Configurations ③ 18 Met  Met at of Pto Graphics Configurations ④ 18 Met  Met at of Pto Graphics Configurations ④ 18 Met  Met at of Pto Graphics Configurations ④ 18 Met  Met at of Pto Graphics Configurations ⑥ 18 Met  Met at of Pto Graphics Configurations ⑥ 18 Met  Met at of Pto Graphics Met  Met At At 2, 11  Met at of Pto Graphics Met  Met At 2, 11  Met at of Pto Graphics Met  Met At 2, 11  Met at of Pto Graphics Met  Met At 2, 11  Met at of Pto Graphics Met  Met At 2, 11  Met at of Pto Graphics Met  Met At 2, 11  Met at of Pto Graphics Met  Met At 2, 11  Met At 2, 11  Met At 2, 11  Met At 2, 11  Met At 3, 11  Met		2
Cache ① 1MB L2  TOP ① 7W  Supplemental Information  Emiseded Options Available ② Yes  Doctable Option Available ② Yes  Memory Specifications  Memory Specifications  Memory Specifications  Make Memory Specifications  Specifications  Wes  Processor Graphics ② 2  ECC Memory Supported ② Yes  Processor Graphics ③ Specifications  Graphics Base Prequency ② 5333 Metz  Graphics Base Prequency ② 533 Metz  Graphics Base Prequency ② 533 Metz  Graphics Base Prequency ② 667 Metz  Intel® Youk Syrve Video ② Yes  Expansion Options  PCI Express Revision ② 20  PCI Express Configurations ③ 44 A 2 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3		1.46 GHz
Supplemental Information  Infleeded Options Available (?)  Datasheet  Ver  Datasheet  Ver  Ver  Datasheet  Memory Specifications  Max Memory Size (dependent on memory type) (?)  B GB  Memory Types (?)  DDRIAL 1067  Max of Memory Channels (?)  2  ECC Memory Supported (?)  Yes  Processor Graphics  Processor		
Supplemental Information  Infleeded Options Available (?)  Datasheet  Ver  Datasheet  Ver  Ver  Datasheet  Memory Specifications  Max Memory Size (dependent on memory type) (?)  B GB  Memory Types (?)  DDRIAL 1067  Max of Memory Channels (?)  2  ECC Memory Supported (?)  Yes  Processor Graphics  Processor		
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Database View row  Memory Specifications  Max Memory Size (dependent on memory type)  8 GB  Memory Types: (**) DODRIL 1067  Max at of Memory Channels (**) 2  ECC Memory Supported (**) Yes  Processor Graphics  Processor Graphics  Processor Graphics  Processor Graphics (**) Intel® MD Graphics for Intel Atom® Processor 23700 Series Graphics Burst Prequency (**) 6331 Metz Graphics Burst Prequency (**) 4331 Metz Graphics Burst Prequency (**) 7  Brand Channel Chan		Yes
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Max Memory Size (Rependent on memory type)  B GB  Memory Types (?)  DDRBL 1067  ECC Memory Supported ??  Yes  Processor Graphics  San Max  Graphic Black Processor  Graphic Black Processor  Graphic Black Processor  Graphic Black Processor  Graphic Black  B of Displays Supported ?  20  Expansion Options  PCI Express Revision ??  20  PCI Express Configurations ?  4  1/O Specifications  Societs Graphic Black  Processor Graphics  Processor Zayno  And Trout of SATA Ports ?  21  Package Specifications  Societs Supported ?  PCEGA1170  Tauction ?  Package Specifications  Societs Supported ?  FEGGA1170  Tauction ?  Post Hoper-Threading Technology !  No  Interf "HD ackage Tables (EPT) !  Yes  Interf Whyer-Threading Technology ?  Yes  Processor Zayno  No  Interf Whyer-Threading Technology ?  Yes  Processor Zayno  Processor Zayno  Processor Zayno  Doring Hall Allow Processor Zayno  No  Interf Whyer-Threading Technology ?  Yes  Processor Zayno  Processor Zayno  Processor Zayno  Processor Zayno  San Max  All Zayn		
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Processor Graphics  Processor Graphics  Processor Graphics   1		DDR3L 1067
Processor Graphics  Processor Graphics  Processor Graphics   1	Max # of Memory Channels ?	2
Processor Gaphics 1 ② Intel® HD Graphics for Intel Atom® Processor 23700 Series Graphics Blase Prequency ③ 533 MHz Graphics Blase Prequency ③ 607 MHz Graphics Blase Prequency ③ 7		Yes
Processor Gaphics 1 ② Intel® HD Graphics for Intel Atom® Processor 23700 Series Graphics Blase Prequency ③ 533 MHz Graphics Blase Prequency ③ 607 MHz Graphics Blase Prequency ③ 7	Processor Graphics	
Graphics Base Frequency ? 533 Métz Graphics Base Frequency ? 667 Métz Indirect Quick Syrv Mote ? Yes  8 of Displays Supported ? 2  Expansion Options  PCI Express Revision ? 2.0  PCI Express Configurations ? 1 44, 42, 11  Max # of PCI Express Lanes ? 4  1//O Specifications  USIS Revision ? 2.0, 3.0  Total of SATA Ports ? 2  Integrated LAN ? No  Integrated DE ? No  Integrated DE ? No  Package Specifications  Societs Supported ? FCBGA1770  Tauctron ? 40°C to 10°C  Tauctron ? 40°C to 10°C  Advanced Technologies  Intel® "Mon" Technology ? No  Intel® "Mon" Technology ? Yes  Security & Reliability  Intel® AES New Instructions ? Yes		Testall UD Country for lated Assert December 73370 Codes
Graphics Burst Prequency 667 Metz  Intel® Cuck's Spre Video ® 72  Expansion Options  Expansion Options  PCI Express Configurations ® 2.0  PCI Express Configurations ® 34, x2, x1  Max of PCI Express Lenses ® 4  4  //O Specifications  USB Revision ® 2.0  103 No  Integrated DE ® No  Integrated DE ® No  Integrated DE ® No  Integrated DE ® No  Analyse Specifications  Societa Supported ® 72  Package Specifications  Societa Supported ® 74  APC to 110°C  Package Specifications  Societa Supported ® 75  ANALYSE No  Advanced Technologies  Intel® Meta No  Intel® M		
Intert Quick Syrc Video ? Yes  ### of Displays Supported ?    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ### 20    ###		
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VS Specifications  USB Revision		4
USB Revision ② 20,30  Total at d'ATAPORS ③ 2  Integrated LAN ② No  UART Yes  Package Specifications  Sockets Supported ③ FCBGA1170  Sockets Supported ③ FCBGA1170  FAUCTION ③ 40°C En 110°C  Package Size 25mm 3.7mm  Looy Hadogen Options Available 5ee MEDOS  Advanced Technologies  Intel® "Who® Technology ⑤ No  Intel® "Who® Technology ⑥ No  Intel® "Who® Technology (TO ¾ No  Intel® "Who Technology To Mo  Ves  Intel® "God Technology ⑥ Yes  Security & Reliability  Intel® AdS New Instructions ⑥ Yes  Security & Reliability  Intel® AdS New Instructions ⑥ Yes		
Total of SATA Purs  Package Specifications  Societs Supported P  Package Specifications  Societs Supported P  FERGATITO  *ACC to 110°C  Package Size  Con Haggen Option Available  See MODS  Advanced Technologies  Intel® *Non* Technology I* No  Intel® *Non* Intel® *Non* Intel® I* Non  Intel® *Non* Intel® *Non* Intel® *Non* Intel® I* Non  Intel® *Non* Intel® *Non		
Integrated LAN ? No Integrated DE ? No Integrated DE ? No No LANT Yes  Sockets Supported ? FEBGA1170  T_ANCTON ? 40°C to 110°C  PACKage Specifications  Sockets Supported ? FEBGA1170  T_ANCTON ! 40°C to 110°C  PACKage Size Size Zismn x.7mm  Love Halogen Options Available  See MEDS  Advanced Technologies  Intel® 'Hopen-Threading Technology ! No Intel® 'Hopen-Threading Technology ! Yes  Intel® 'Love Intel® Specification Technology ? Yes  Security & Reliability  Intel® Add Technology ? Yes  Security & Reliability  Intel® Add Technology ? Yes		
Integrated IDE (?)  No  UART Yes  Package Specifications  Sockets Supported (?)  FERGAT17D  ADC'C to 110°C  Package Size  Zisma x Zrmm  Low Hologen Options Available  See MEDS  Advanced Technologies  Intel® VPro® Technology (?)  No Intel® VPro® Technology (PT-a)  No Intel® VPro® Technology (PT-a)  No Intel® VPro® Technology (PT-a)  No Intel® VPro® Intel® VPro® Intel® (PT-a)  No Intel® VPro® Intel®		2
UAAT Yes  Package Specifications  Sockets Supported ? FEBGA1170  **JACCTOR 10°C  Package Size  **Zimm 2.7mm  Love Haggen Options Available  See MDOS  Advanced Technologies  Intel® "Neo" Technology 1 ? No  Intel® "Hypor-Threading Technology 1 ? No  Intel® "Hypor-Threading Technology 1 ? No  Intel® "Wallazizeton Technology (T-g) * No  Intel® "Wallazizeton Technology (T-g) * ? Yes  Intel® "Wallazizeton Technology (T-g) * ? Yes  Intel® "Wallazizeton Technology (T-g) * ? Yes  Intel® "Gal ? Yes  Intel® "Gal ? Yes  Intel® "Gal ? Yes  Intel® "Gal SpeedStep" Technology ? Yes  Security & Reliability  Intel® AddS New Instructions ? Yes		
Package Specifications Societs Supported ① FEBGA117D  **TANCHON ① 40°C to 110°C  **Package Size 25mm x 27mm  Low Hologen Options Available See MDOS  **Advanced Technologies  Intel® 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
Societé Suponted (P FCBGA1770  **Janction (P 40°C to 110°C  **Paclage Size	UART	Yes
Societé Suponted (P FCBGA1770  **Janction (P 40°C to 110°C  **Paclage Size	Package Specifications	
T_ALCTON ①  ADVC to 110°C  Package Size  Zismn x.77mm  Low Halogen Options Available  See MIDOS  Advanced Technologies  Intel® Vipor-Technology ①  No  Intel® Vipor-Threading Technology ①  No  Intel® Visualization Technology ①  No  Intel® Visualization Technology OT 30 ②  Yes  Intel® Visualization Technology OT 30 ②  Yes  Intel® Visualization Technology OT 30 ③  Yes  Intel® Visualization Technology ①  Yes  Security & Reliability  Intel® Addo Technology ②  Yes		FCBGA1170
Package Size 25mm x 7mm  Low Halogen Options Available See MDDS  Advanced Technologies  Intel® "Mon" Technology * (*) No Intel® "Hope-Threading Technology (*) No Intel® "Walladiation Technology (*) No Intel® "Get No Intel® (*) No		
Low Hologen Options Available  Advanced Technologies  Intel® VPro® Technology ® No  Intel® VPro® Technology ® No  Intel® VPro® Technology ® No  Intel® Versultation Technology (VT-4) ® No  Intel® Versultation Technology ® No  Intel®	TJUNCTION ?	-40°C to 110°C
Advanced Technologies  Intel® "Man Technology ® ? No  Intel® "Hyper-Threading Technology ® ? No  Intel® "Wisulatization Technology ® ? Yes  Intel® Wisulatization Technology for Directed I/O IVT-dl  8 7 Yes  Intel® Wisulatization Technology for Directed I/O IVT-dl  9 7 Yes  Intel® "Miss Exercised Page Tables EPT) ® Yes  Intel® "God & ? Yes  Intel® "For Audio Technology ? Yes  Security & Reliability  Intel® AES New Instructions ? Yes		
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Institution 641 ① Yes Instruction 84-bit Chainced inset speedStep* Technology ① Yes Institution 84-bit Institution 95 Yes Security & Reliability Institution 95 Yes	Package Size  Low Hologen Options Available  Advanced Technologies  Intist* uPro* Technology* (?)  Intist* uPro* Technology (?)  Intist* uPro* Technology (?)  Intist* uPro* Technology (?)	25mm x 27mm See MOOS No
Instruction Set ? 64-bit  Echanned Intel SpeedStep* Technology ? Yes  Intel* HD Audio Technology ? Yes  Security & Reliability  Intel* AES New Instructions ? Yes	Package Size  Low Haleger Options Available  Advanced Technologies  Intel® Vero® Technology (* {}^{*})  Intel® Vero® Technology (* {}^{*})  Intel® Vero® Technology (* {}^{*})  Intel® Verusitation Technology (VT-q) (* {}^{*})  Intel® Verusitation Technology (VT-q) (* {}^{*})  Intel® Verusitation Technology (For Directed I/O (VT-q) (* {}^{*})	25mm x 27mm See MODS  No No Ves No
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Security & Reliability Intel® AES New Instructions ① Yes	Package Size  Low Halegen Options Available  Advanced Technologies  Intel® "No" Technology 1 177  Intel® "Halegen Options Available  Intel® "Whallastein Technology 1 177  Intel® "Whallastein Technology (VT-q) 1 177  Intel® "Whallastein Technology for Directed (VD VT-q) 1 177  Intel® "Whallastein Technology for Directed (VD VT-q) 1 177  Intel® "Whallastein Technology for Directed (VD VT-q) 1 177  Intel® "Whallastein Technology for Directed (VD VT-q) 1 177  Intel® "Whallastein Technology for Directed (VD VT-q) 177  Intel® "Whallastein Technology for Directed (VD VT-q	25mm x 27mm See MODS  No No Ves No Yes G6-bit G6-bit
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