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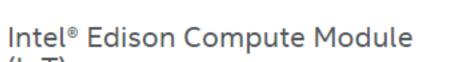


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Specifications Essentials **Memory Specifications** I/O Specifications Package Specifications Intel® Data Protection Technology

Intel® Platform

Warranty Period

Protection Technology

(IoT)

Compatible Products

Product Images

Ordering / sSpecs / Steppings

Specifications		Related Products
- Essentials		Intel® Edison Products
Status	Launched	Intel® Edison Compute Modules
Launch Date	Q3'14	Produces
# of QPI Links	0	Quick Links
Supported FSBs	N/A	Evport Full Specifications
FSB Parity	No	Export Full Specifications > Find Compatible
Board Form Factor	25mm x 35.5mm	Processors >
Socket	70-pin Hirose .4mm	Additional Information >
Extended Life Program (XLP)	No	Search Distributors >
Embedded Options Available	No	Software Downloads > Support Overview >
Lithography	22 nm	Search all of intel.com >
DC Input Voltage Supported	3.15V-4.5V	
Back-to-BIOS Button	No	PCN/MDDS Information
Recommended Customer Price	N/A	937637: PCN
Description	Wi-Fi/BT Compute Module	
Product Brief	Link	
Additional Information URL	Link	

Memory Specifications	
Max Memory Size (dependent on memory type)	4 GB
Memory Types	DDR3, NAND FLASH
Physical Address Extensions	32-bit
Max # of DIMMs	0
ECC Memory Supported ‡	No

1 yrs

- I/O Specifications	
USB Revision	USB 2.0
# of USB Ports	1
USB 2.0 Configuration (External + Internal)	1
USB 3.0 Configuration (External + Internal)	0
# of Serial Ports	2
Serial Port via Internal Header	Yes
Audio (back channel + front channel)	1 I2S
Integrated LAN	No
Integrated Wifi	Yes, 802.11n
Integrated Bluetooth	Yes
Firewire	No

- Package Specifications	
Max CPU Configuration	1
Package Size	25mm x 35.5mm
Low Halogen Options Available	See MDDS
Intel® Data Protection Technology	
Intel® AES New Instructions	No
- Intel® Platform Protection Technolog	у
Trusted Execution Technology ‡	Yes

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No

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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.

Functionality, performance, and other benefits of this feature may vary depending on system configuration.

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.

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

Anti-Theft Technology

functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

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.

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