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Mobile Intel® CM236 Chipset (Intel® GL82CM236 PCH)

PCI Support

PCI Express Revision

PCI Express Configurations ‡

Specifications Essentials **Memory Specifications Graphics Specifications Expansion Options** I/O Specifications **Package Specifications Advanced Technologies** Intel® Platform **Protection Technology**

Ordering / sSpecs / Steppings

Specifications		
- Essentials		
Status	Launched	
Launch Date	Q3'15	
DMI3	8 GT/s	
Embedded Options Available	Yes	
Lithography	22 nm	
TDP	3.67 W	
Recommended Customer Price		
Datasheet	Link	
Supports Overclocking	Yes	
 Memory Specifications 		
# of DIMMs per channel	2	
Graphics Specifications		
Intel® Clear Video Technology	Yes	

Specifications		Related Products
- Essentials		Products formerly Skylake
Status	Launched	1000 1000
Launch Date	Q3'15	martin ma
DMI3	8 GT/s	CONTROL OF
Embedded Options Available	Yes	The Control of the Control of Con
Lithography	22 nm	Visit the Embedded Design Center >
TDP	3.67 W	
Recommended Customer Price		Quick Links
Datasheet	Link	Export Full Specifications >
Supports Overclocking	Yes	Search Distributors >
		Support Overview >
 Memory Specifications 		Search all of intel.com >
# of DIMMs per channel	2	
		PCN/MDDS Information
Graphics Specifications		SR2CE
Intel® Clear Video Technology	Yes	943519: MDDS
# of Displays Supported ‡	3	
 Expansion Options 		

No

3.0

x1, x2, x4

Max # of PCI Express Lanes	20
- I/O Specifications	
USB Revision	3.0/2.0
# of USB Ports	14
USB 3.0	Up to 10
USB 2.0	Up to 14
Max # of SATA 6.0 Gb/s Ports	8
RAID Configuration	0/1/5/10
Integrated LAN	Integrated MAC
Package Specifications	
Package Size	23mm x 23mm
Low Halogen Options Available	See MDDS
Advanced Technologies	

Advanced Technologies	
Intel® Virtualization Technology for Directed I/O (VT-d) ‡	Yes
Intel® vPro Technology ‡	Yes
Intel® ME Firmware Version	11.0
Intel® HD Audio Technology	Yes
Intel® Rapid Storage Technology	Yes
Intel® Rapid Storage Technology enterprise	Yes
Intel® Smart Response Technology	Yes
Intel® Stable Image Platform Program (SIPP)	Yes
Intel® Small Business Advantage	Yes
A late 10 Dietfe von Dente etien Teele einen	
Intel® Platform Protection Technology	
Trusted Execution Technology ‡	Yes

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‡ 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.

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WARNING: Altering clock frequency and/or voltage may: (i) reduce system stability and useful life of the system and processor; (ii) cause the processor and other system components to fail; (iii) cause reductions in system performance; (iv) cause additional heat or other damage; and (v) affect system data integrity. Intel has not tested, and does not warranty, the operation of the processor beyond its specifications. Intel assumes no responsibility that the processor, including if used with altered clock frequencies and/or voltages, will be fit for any particular purpose. For more information, visit http://www.intel.com/content/www/us/en/gaming/overclocking/overclocking-intel-processors.html

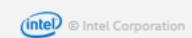
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