



Graphics		Technical details	
On-board graphics card base frequency	650 MHz	Born on date	Q3'12
On-board graphics card dynamic frequency (max)	1150 MHz	Bus bandwidth	5
Number of displays supported (on-board graphics)	3	Bus type units	GT/s
On-board graphics card ID	0x166	Graphics max dynamic frequency	1.15 GHz
<b>Features</b>		Launch date	Q3'12
Execute Disable Bit	✓	Processor cache	6144 KB
Idle States	✓	Product name	Intel Core i7-3632QM (6M Cache, up to 3.20 GHz) rPGA
Thermal Monitoring Technologies	✓	Product type	Processor
Integrated 4G WiMAX	✓	Status	Discontinued
Market segment	Mobile	Maximum memory	32 GB
Maximum number of PCI Express lanes	16	Processor brand name	Intel Core i7 Intel Core i7 Processor
PCI Express slots version	3.0	Supported memory types	DDR3-SDRAM, DDR3L-SDRAM, DDR3L-RS-SDRAM
PCI Express configurations	1x16, 2x8, 1x8, 2x4	Last change	63903513
Supported instruction sets	AVX	Product family	3rd Generation Intel Core i7 Processors
Bandwidth	5 MB/s	Bus speed	5 GT/s
CPU configuration (max)	1	Processor ID	0x166
Embedded options available	✗	<b>Logistics data</b>	
Graphics & IMC lithography	22 nm	Harmonized System (HS) code	8542310001
PCI Express CEM revision	3.0	<b>Weight &amp; dimensions</b>	
Export Control Classification Number (ECCN)	5A992C	Processor package size	37.5mm x 37.5mm
Commodity Classification Automated Tracking System (CCATS)	G077159	<b>Other features</b>	
<b>Processor special features</b>		Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Intel® Anti-Theft Technology (Intel® AT)	✓	Maximum internal memory	32 GB
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Maximum internal memory	32768 MB
		Graphics output	eDP/DP/HDMI/SDVO/CRT
		Cache memory	6 MB

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