

## Intel Atom Z3735F processor 1.33 GHz 2 MB L2

**Brand :** Intel

**Product family:** Atom

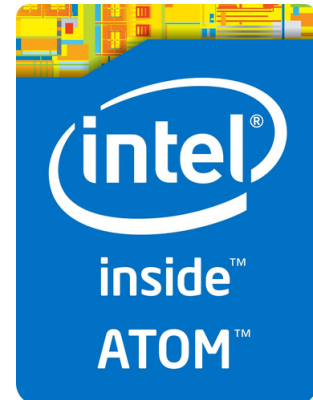
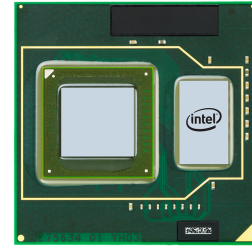
**Product code:**  
FH8065301685598

**Product name :** Z3735F

Intel Atom® Processor Z3735F  
(2M Cache, up to 1.83 GHz)

[Intel Atom Z3735F processor 1.33 GHz 2 MB L2:](#)

Intel® 64 architecture delivers 64-bit computing on server, workstation, desktop and mobile platforms when combined with supporting software. Intel 64 architecture improves performance by allowing systems to address more than 4 GB of both virtual and physical memory.  
Intel Atom Z3735F. Processor family: Intel Atom®, Processor socket: BGA 592, Component for: Smartphone/Tablet. Memory channels: Single-channel, Maximum internal memory supported by processor: 2 GB, Memory types supported by processor: DDR3L-RS-SDRAM. On-board graphics adapter model: Intel® HD Graphics, On-board graphics adapter base frequency: 311 MHz, On-board graphics adapter burst frequency: 646 MHz. Graphics & IMC lithography: 22 nm, Market segment: Mobile, Export Control Classification Number (ECCN): 5A992CN3. Processor package size: 17mm x 17mm



Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics adapter burst frequency	646 MHz
Processor base frequency *	1.33 GHz	<b>Features</b>	
Processor family *	Intel Atom®	CPU configuration (max)	1
Processor cores *	4	Embedded options available	✗
Processor socket *	BGA 592	Graphics & IMC lithography	22 nm
Component for *	Smartphone/Tablet	Market segment	Mobile
Processor lithography *	22 nm	Harmonized System (HS) code	8542310001
Processor series	Intel Atom Z3700 Series	Export Control Classification Number (ECCN)	5A992CN3
Processor model *	Z3735F	Commodity Classification Automated Tracking System (CCATS)	G143235
Processor threads	4	<b>Processor special features</b>	
Processor operating modes *	64-bit	Intel® Turbo Boost Technology	✗
Processor cache	2 MB	Intel 64	✓
Processor cache type	L2	Intel Virtualization Technology (VT-x)	✓
Scenario Design Power (SDP)	2.2 W	Conflict-Free processor	✓
Box *	✗	<b>Technical details</b>	
Cooler included *	✗	Born on date	Q1'14
Processor boost frequency	1.83 GHz	Launch date	Q1'14
Stepping	C0	Number of graphics cores	1
Memory bandwidth supported by processor (max)	10.6 GB/s	Processor cache	2048 KB
Processor codename	Bay Trail	Product name	Intel Atom Z3735F (2M Cache, up to 1.83 GHz)
Processor code	SR1UB	Product type	System on Chip
Processor ARK ID	80274		
<b>Memory</b>			
Maximum internal memory supported by processor	2 GB		

Memory		Technical details	
Memory types supported by processor	DDR3L-RS-SDRAM	Status	Discontinued
Memory clock speeds supported by processor	1333 MHz	Maximum memory	2 GB
Memory channels *	Single-channel	Processor brand name	Intel Atom
Graphics		Supported memory types	DDR3L-RS-SDRAM
On-board graphics adapter *	✓	Last change	63903513
On-board graphics adapter model *	Intel® HD Graphics	Product family	Intel Atom Processor for Smartphone and Tablet
On-board graphics adapter base frequency	311 MHz	Weight & dimensions	
		Processor package size	17mm x 17mm
		Other features	
		Intel® Virtualization Technology (Intel® VT)	VT-x
		Maximum internal memory	2 GB
		Maximum internal memory	2048 MB
		Cache memory	2 MB

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