

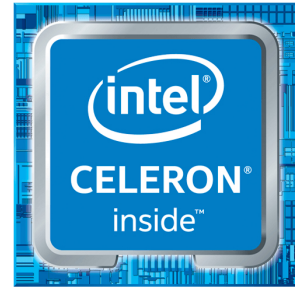
Intel Celeron J1800 processor 2.41 GHz 1 MB L2

Brand : Intel

Product family: Celeron

Product code:
FH8065301615103

Product name : J1800



Celeron Processor J1800 (1M Cache, up to 2.58 GHz)

Intel Celeron J1800. Processor family: Intel® Celeron®, Processor socket: BGA 1170, Processor lithography: 22 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 8 GB, Memory types supported by processor: DDR3L-SDRAM. On-board graphics card model: Intel® HD Graphics, On-board graphics card base frequency: 688 MHz, On-board graphics card dynamic frequency (max): 792 MHz. Market segment: Desktop, Use conditions: PC/Client/Tablet, PCI Express configurations: 1x4. Processor package size: 25mm x 27mm

Processor		Processor special features	
Processor manufacturer *	Intel	Intel Hyper-Threading Technology	✗
Processor *	J1800	Intel Identity Protection Technology	✗
Processor base frequency *	2.41 GHz	Intel Turbo Boost Technology	✗
Processor family *	Intel® Celeron®	Intel® Quick Sync Video Technology	✓
Processor number of cores *	2	Intel® InTru™ 3D Technology	✗
Processor socket *	BGA 1170	Intel FDI Technology	✗
Component for	PC	Intel® Insider™	✗
Processor lithography *	22 nm	Intel AES New Instructions	✗
Processor series	Intel Celeron Processor J1000 series for Desktop	Enhanced Intel SpeedStep Technology	✓
Processor threads	2	Intel Rapid Storage Technology	✗
Processor operating modes *	64-bit	Intel Stable Image Platform Program (SIPP)	✗
Processor boost frequency	2.58 GHz	Intel 64	✓
Processor cache	1 MB	Intel Identity Protection Technology version	0.00
Processor cache type	L2	Intel Small Business Advantage (SBA) version	0.00
Thermal Design Power (TDP)	10 W	Intel Stable Image Platform Program (SIPP) version	0.00
Box *	✗	Intel Virtualization Technology (VT-x)	✓
Cooler included *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Stepping	B3	Conflict-Free processor	✓
Processor codename	Bay Trail	Intel® Optane™ Memory Ready	✗
Processor code	SR1SD	Intel® vPro™ Platform Eligibility	✗
Processor ARK ID	78866		
Memory		Operational Conditions	
Maximum internal memory supported by processor	8 GB	Tjunction	105 °C
Memory types supported by processor	DDR3L-SDRAM	Technical Details	
Memory clock speeds supported by processor	1333 MHz	Born on date	Q4'13
Memory channels *	Dual-channel	Graphics max dynamic frequency	792 MHz
ECC	✗	Launch date	Q4'13
Graphics		Processor cache	1024 KB
On-board graphics card *	✓	Product name	Intel Celeron J1800 (1M Cache, up to 2.58 GHz)
On-board graphics card model *	Intel® HD Graphics	Product type	System on Chip
On-board graphics card base frequency	688 MHz	Status	Launched
On-board graphics card dynamic frequency (max)	792 MHz	Maximum memory	8 GB
Number of displays supported (on-board graphics)	2	Processor brand name	Intel Celeron
		Supported memory types	DDR3L-SDRAM

Features		Technical Details	
Execute Disable Bit	✓	Last change	64826519
Market segment	Desktop	Product family	Intel Celeron Processor
Use conditions	PC/Client/Tablet	Logistics data	
Maximum number of PCI Express lanes	4	Harmonized System (HS) code	8542310001
PCI Express slots version	2.0	Weight & Dimensions	
PCI Express configurations	1x4	Processor package size	25mm x 27mm
CPU configuration (max)	1	Other features	
Embedded options available	✗	Intel Virtualization Technology	VT-x
Physical Address Extension (PAE)	36 bit	Maximum internal memory	8 GB
PCI Express CEM revision	2.0	Maximum internal memory	8192 MB
Export Control Classification Number (ECCN)	3A991	Cache memory	1 MB
Commodity Classification Automated Tracking System (CCATS)	NA		
Processor special features			
Intel Anti-Theft Technology	✗		

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