

## Intel Core i5-6260U processor 1.8 GHz 4 MB Smart Cache

Brand : Intel

Product family: Core

Product code:  
FJ8066202496511

Product name : i5-6260U



Intel® Core™ i5-6260U Processor

(4M Cache, up to 2.90 GHz)

Intel Core i5-6260U. Processor family: Intel® Core™ i5, Processor socket: BGA 1356, Processor lithography: 14 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 32 GB, Memory types supported by processor: DDR4-SDRAM, LPDDR3-SDRAM, DDR3L-SDRAM. On-board graphics card model: Intel® Iris™ Graphics 540, Embedded DRAM (eDRAM) memory: 64 MB, Maximum on-board graphics card memory: 32 GB. Market segment: Mobile, PCI Express configurations: 1x4, 2x2, 1x2+2x1, 4x1, Supported instruction sets: SSE4.1, SSE4.2, AVX 2.0. Intel® Turbo Boost Technology 2.0 frequency: 2.9 GHz



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	6th gen Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor model *	i5-6260U	Intel® Turbo Boost Technology	2.0
Processor base frequency *	1.8 GHz	Intel® Quick Sync Video Technology	✓
Processor family *	Intel® Core™ i5	Intel® InTru™ 3D Technology	✓
Processor cores *	2	Intel® Wireless Display (Intel® WiDi)	✓
Processor socket *	BGA 1356	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Component for	Laptop	Intel® Insider™	✓
Processor lithography *	14 nm	Intel Flex Memory Access	✓
Processor series	Intel Core i5-6200 Mobile Processor Series	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
System bus rate	4 GT/s	Intel Trusted Execution Technology	✗
Processor operating modes *	64-bit	Intel® Memory Protection Extensions (Intel® MPX)	✓
Processor boost frequency	2.9 GHz	Intel® Turbo Boost Technology 2.0 frequency	2.9 GHz
Processor cache	4 MB	Intel® Transactional Synchronization Extensions	✗
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	15 W	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Box *	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Cooler included *	✗	Intel® Secure Key	✓
Configurable TDP-down	9.5 W	Intel TSX-NI	✗
Generation	6th Generation	Intel Stable Image Platform Program (SIPP)	✗
Stepping	K1	Intel® OS Guard	✓
Bus type	OPI	Intel® Small Business Advantage (Intel® SBA)	✓
Memory bandwidth supported by processor (max)	34.1 GB/s	Intel Clear Video Technology	✓
Processor codename	Skylake	Intel Software Guard Extensions (Intel SGX)	✓
Processor code	SSSR2JC	Intel 64	✓
Processor ARK ID	91160	Intel Identity Protection Technology version	1.00
<b>Memory</b>		Intel Secure Key Technology version	1.00
Maximum internal memory supported by processor	32 GB		
Memory types supported by processor	DDR4-SDRAM, LPDDR3-SDRAM, DDR3L-SDRAM		
Memory clock speeds supported by processor	1600,1866,2133 MHz		
Memory channels *	Dual-channel		
ECC	✗		
<b>Graphics</b>			
On-board graphics card *	✓		

Graphics		Processor special features	
On-board graphics card model *	Intel® Iris™ Graphics 540	Intel Small Business Advantage (SBA) version	1.00
Embedded DRAM (eDRAM) memory	64 MB	Intel Smart Response Technology version	1.00
Maximum on-board graphics card memory	32 GB	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card outputs supported	Embedded DisplayPort (eDP), DisplayPort, HDMI, DVI	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card dynamic frequency (max)	950 MHz	Intel TSX-NI version	0.00
Number of displays supported (on-board graphics)	3	Conflict-Free processor	✓
On-board graphics card 4K support	✓	Intel® vPro™ Platform Eligibility	✗
On-board graphics card DirectX version	12.0	<b>Operational conditions</b>	
On-board graphics card OpenGL version	4.5	Tjunction	100 °C
On-board graphics card maximum resolution (DisplayPort)	4096 x 2304 pixels	<b>Technical details</b>	
On-board graphics card maximum resolution (eDP - Integrated Flat Panel)	4096 x 2304 pixels	Bus bandwidth	4
On-board graphics card maximum resolution (HDMI)	4096 x 2304 pixels	Bus type units	GT/s
On-board graphics card refresh rate at maximum resolution (DisplayPort)	60 Hz	Launch date	Q3'15
On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel)	60 Hz	Maximum resolution & refresh rate (DisplayPort)	4096x2304@60Hz
On-board graphics card refresh rate at maximum resolution (HDMI)	24 Hz	Maximum resolution & refresh rate (HDMI)	4096x2304@24Hz
On-board graphics card ID	1926	Maximum resolution & refresh rate (Integrated Flat Panel)	4096x2304@60Hz
<b>Features</b>		Maximum resolution & refresh rate (VGA)	N/A
Execute Disable Bit	✓	Processor cache	4096 KB
Idle States	✓	Product type	System on Chip
Thermal Monitoring Technologies	✓	Status	Discontinued
Market segment	Mobile	Maximum memory	32 GB
Maximum number of PCI Express lanes	12	Processor brand name	Intel Core i5 Intel Core i5 Processor
PCI Express slots version	3.0	Supported memory types	DDR4-SDRAM, LPDDR3-SDRAM, DDR3L-SDRAM
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Last change	63903513
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0	Maximum resolution (WiDi)	1080p
CPU configuration (max)	1	Product family	6th Generation Intel Core i5 Processors
Embedded options available	✗	Bus speed	4 GT/s
Graphics & IMC lithography	14 nm	Maximum graphics card memory	32 GB
PCI Express CEM revision	3.0	Processor ID	0x1926
Export Control Classification Number (ECCN)	5A992CN3	<b>Logistics data</b>	
Commodity Classification Automated Tracking System (CCATS)	G147881	Harmonized System (HS) code	8542310001
<b>Processor special features</b>		<b>Weight &amp; dimensions</b>	
Intel® Hyper Threading Technology (Intel® HT Technology)	✓	Processor package size	42mm x 24mm x 1.3mm
Intel® Identity Protection Technology (Intel® IPT)	✓	<b>Other features</b>	
		Maximum internal memory	32 GB
		Maximum internal memory	32768 MB
		Graphics output	eDP/DP/HDMI/DVI
		Video decoding	✓

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