

# Intel Core i5-4430 (BX80646I54430)

Core i5-4430 Processor (6M Cache, 3.00 GHz)



## Price details:

Price excl. VAT: 173.13 €

Eco fees: 0.00 €

VAT 21 %: 36.36 €

## Product details:

Product code: BX80646I54430

EAN: 5032037050791

Manufacturer: Intel

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**209.49 €**

\* VAT included

Amazing performance and stunning visuals with a boost. Raise the bar on your PC experience with rich visuals plus an automatic burst of speed when you need it. The 4th generation Intel® Core i5 processor delivers amazing performance, stunning visuals, and built-in security for deeper protection.

Discover the thrill of an automatic burst of speed when you need it with Intel® Turbo Boost Technology 2.0. Experience your movies, photos, and games smoothly and seamlessly with a built-in suite of visual enhancements-and enjoy them even more with longer battery life.

Get a boost in your performance that you can truly see and feel, along with extra peace of mind from enhanced security. Because the only thing more amazing than Intel® technology is what you'll do with it.

## Main specifications:

### Processor

Processor family:	Intel Core i5-4xxx
Processor frequency:	3 GHz
Processor cores:	4
Processor socket:	Socket H3 (LGA 1150)
Component for:	PC
Processor lithography:	22 nm
Box:	Y
Processor model:	i5-4430
Processor threads:	4
System bus rate:	5 GT/s
Processor operating modes:	64-bit
L3 cache:	6 MB
Stepping:	C0
Processor boost frequency:	3.2 GHz
Bus type:	QPI
Number of QPI links:	1

### Memory

Maximum RAM supported:	32 GB
Supported memory types:	DDR3-SDRAM
Supported memory clock speeds:	1333,1600 MHz
Memory bandwidth (max):	25.6 GB/s
Memory channels:	Dual
ECC:	N

### Graphics

On-board graphics adapter:	Y
On-board graphics adapter model:	Intel HD Graphics 4600

Graphics base frequency:	350 MHz
Graphics max dynamic frequency:	1100 MHz

#### Power

Thermal power:	84 W
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#### Features

Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Maximum number of PCI Express lanes:	16
PCI Express slots version:	3.0
PCI Express configurations:	1x16,2x8,1x8+2x4
Package size:	37.5 x 37.5 mm
Supported instruction sets:	AVX 2.0,SSE4.1,SSE4.2
Processor code:	SR14G
Number of displays supported:	3
CPU configuration (max):	1
Embedded options available:	N
Graphics & IMC lithography:	22 nm

#### Processor special features

Intel Anti-Theft Technology:	Y
Intel Hyper-Threading Technology:	N
Intel Identity Protection Technology:	Y
Intel Turbo Boost Technology:	2.0
Intel vPro Technology:	N
Intel Quick Sync Video Technology:	Y
Intel InTru 3D Technology:	Y
Intel Wireless Display (WiDi) Technology:	Y
Intel Clear Video HD Technology:	Y
Intel Dual Display Capable Technology:	Y
Intel Insider:	Y
Intel Smart Cache:	Y
Intel AES New Instructions:	Y
Enhanced Intel SpeedStep Technology:	Y
Intel Virtualization Technology:	VT-d,VT-x
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Secure Key:	Y
Intel TSX-NI:	N

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