Specifications Transistor count  - Essentials Generation Code Name  Processor Number  Status  Launched  Launch Date  Lithography  Recommended Customer Price  # of Cores  # of Threads  Processor Base Frequency  Max Turbo Frequency  Max Turbo Frequency  Cache  Bus Speed  Typ Bridge  Tyy Bridge  17-3770  21   4   Code Name  April 18   April 1	
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Intel® Core™ IT-3770 Processor (8M Cache, up to 3.90 GHz) Specifications Line 5:2 e: 6 4 Bytes Comments: linet-1 mapped =  Intel® Core™ 17-3770 Processor (8M Cache, up to 3.90 GHz)  Specifications Transistor count Lunched	
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Intel® Core™ i7-3770 Processor (8M Cache, up to 3.90 GHz)  Specifications Trapsistor Coult  Lister Securities Learner Securitie	mine
THE COURT 17-3717 (SM Cache, up to 3.90 GHz)  Specifications Transistor count 1	tepping: 9 evision: E1/L1
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As Memory Size (dependent on memory type)  Alex Memory Types  DDR3 1333/1600 Suffort Loth, build in the Memory Channels  As Memory Bandwidth  CCC Memory Supported †  Graphics Specifications  Processor Graphics ‡  Intel* HD Graphics 4000 Graphics Base Frequency  Graphics Max Dynamic Frequency  1.15 GHz  Intel* Quick Sync Video  Q Yes  Intel* InTru* 3D Technology  Yes  CLock (GHz)  CTP  GF LOP  Base  Total Annual Com/products/65719/Intel-Core-i7-3770-Processor-8M-Cache-up-to-3_90-GHz	
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2   25.6 GB/s	
Tax Memory Bandwidth  25.6 GB/s  CC Memory Supported ‡  Q No  Graphics Specifications  rocessor Graphics ‡  Intel* HD Graphics 4000  fraphics Base Frequency  fraphics Max Dynamic Frequency  1.15 GHz  raphics Wireless Display  Yes  thel* InTru* 3D Technology  thel* Wireless Display  Q Yes  Lock(GHz)  CTP  GF LOP  Base  tp://ark.intel.com/products/65719/Intel-Core-i7-3770-Processor-8M-Cache-up-to-3_90-GHz	lin memory control
CC Memory Supported ‡  Graphics Specifications  rocessor Graphics ‡  Intel* HD Graphics 4000  Graphics Base Frequency  G50,00 MHz  Intel* Quick Sync Video  Q Yes  retel* InTru* 3D Technology  retel* Wireless Display  CLock (GHz)  CTP  GF LOP  Base  Square Advisor Adviso	
- Graphics Specifications  Processor Graphics ‡  Processor Graphics ‡  Processor Graphics †  Processor Graphics 4000  Intel® HD Graphics 4000  Int	
Intel® HD Graphics 4000  iraphics Base Frequency  650,00 MHz  1.15 GHz  iraphics Max Dynamic Frequency  1.15 GHz  iraphics Max Dynamic Frequency  1.15 GHz  Yes  itel® InTru® 3D Technology  Yes  Yes  CLock (GHz)  CTP  GF LOP  Base  4 Aprilark.intel.com/products/65719/Intel=Core-i7-3770-Processor-8M-Cache-up-to-3_90-GHz	
fraphics Base Frequency  fraphics Max Dynamic Frequency  1.15 GHz  1.15 GHz  Yes  Intel® Unick Sync Video  Yes  Intel® InTru® 3D Technology  Yes  Intel® Wireless Display  Yes  CLock (6Hz)  CTP  GF LOP  Sure  Su	
tel® Quick Sync Video  Tel® InTru® 3D Technology  Yes  Tel® Wireless Display  Yes  Clock (6Hz)  CTP  GFLOP  Base  ### Up://ark.intel.com/products/65719/Intel-Core-i7-3770-Processor-8M-Cache-up-to-3_90-GHz	
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ttel® Wireless Display  CLock (6Hz)  CTP  GF LOP  Strp://ark.intel.com/products/65719/Intel-Core-i7-3770-Processor-8M-Cache-up-to-3_90-GHz  136,000  103.8	
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GPU only 7.15 75,133 147.2	

## Intel® Core $^{\text{\tiny{TM}}}$ i7-3770 Processor (8M Cache, up to 3.90 GHz) Specifications

ntel® Flexible Display Interface (Intel® FDI)	Yes	
ntel® Clear Video HD Technology	Yes	
# of Displays Supported #	3	
Device ID	0x162	
- Expansion Options		
PCI Express Revision	3.0	
PCI Express Configurations ‡	up to 1x16, 2x8, 1x8 & 2x4 , i.e 16 loche.	sin
- Package Specifications	chinset	
Sockets Supported	chipset FCLGA1155 : Socket type	
Max CPU Configuration	1	
Thermal Solution Specification	2011D	
CASE	67.4°C	
JUNCTION	105°C	
ackage Size	37.5mm x 37.5mm	
ow Halogen Options Available	See MDDS	
- Advanced Technologies		
ntel® Turbo Boost Technology‡	2.0	
ntel® vPro Technology ‡	Q Yes	
ntel® Hyper-Threading Technology ‡	Q Yes	
ntel® Virtualization Technology (VT-x) ‡	Yes	
ntel® Virtualization Technology for Directed I/O (VT-d) ‡	Q Yes	
ntel® VT-x with Extended Page Tables (EPT) ‡	Q Yes	
ntel® TSX-NI	No	
ntel® 64 ‡	Q Yes	
nstruction Set	64-bit	
nstruction Set Extensions	SSE4.1/4.2, AVX	
dle States	Yes	
nhanced Intel SpeedStep® Technology	Q Yes	
hermal Monitoring Technologies	Yes	
itel <sup>e</sup> Identity Protection Technology <sup>‡</sup>	Yes	
- Intel® Data Protection Technology		
rtel® AES New Instructions	Q Yes	
ecure Key	Yes	
- Intel® Platform Protection Technology		
rusted Execution Technology‡	Yes	

http://ark.intel.com/products/65719/Intel-Core-17-37/UBUS Architecture:
Number of links:
Transfer rate:

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