

# Intel® Core™ i5-7500T Processor

Status

Cache

Max Turbo

Frequency

# of Cores

6M Cache, up to 3.30 GHz

Product Collection 7th Generation Intel® Core™ i5

Processors

Launch Date Q1'17

Processor Base

Frequency 2.70 GHz

Processor Graphics <sup>‡</sup> Intel® HD Graphics 630

Trade compliance information

ECCN 5A992C

CCATS G077159

US HTS 8542310001

Launched

3.30 GHz

6 MB SmartCache

PCN/MDDS Information

 SR337

 953003
 PCN | MDDS

 954221
 MDDS

 954228
 MDDS

### Ordering and spec information

Boxed Intel® Core™ i5-7500T Processor (6M Cache, up to 3.30 GHz) FC-LGA14C, Box	
Spec Code	SR337
Ordering Code	BX80677I57500T
Step	Во
RCP	\$202.00
Boxed Intel® Core™ i5-7500T Processor (6M Cache, up to 3.30 GHz) FC-LGA14C, Box China	
Spec Code	SR337
Ordering Code	BXC80677I57500T
Step	Во
Intel <sup>®</sup> Core <sup>™</sup> i5-7500T Processor (6M Cache, up to 3.30 GHz) FC-LGA14C, Tray	
Spec Code	SR337
Ordering Code	CM8067702868115
Step	Во
RCP	\$192.00

### Essentials

Product Collection	7th Generation Intel® Core™ i5 Processors
Vertical Segment	Desktop
Status	Launched
Lithography ?	14 nm

#### **Export specifications**

Code Name	Products formerly Kaby Lake
Processor Number	i5-7500T
Launch Date ?	Q1'17
Recommended Customer	Price ? \$192.00 - \$202.00

#### Performance



# of Threads ?	4
Max Turbo Frequency ?	3.30 GHz
Bus Speed ?	8 GT/s DMI3
TDP ?	35 W

### Supplemental Information





Learn how Intel is pursuing conflict-free technology.

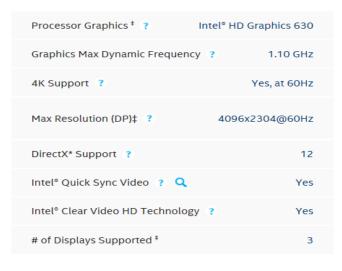


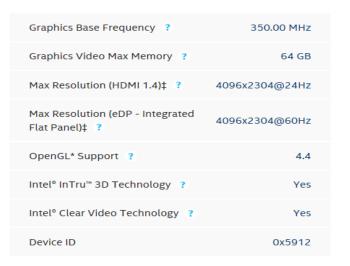
### **Memory Specifications**

Max Memory Size (dependent on memory type) ?	64 GB
Max # of Memory Channels ?	2

Memory Types ?	DDR4-2133/2400, DDR3L	-1333/1600 @ 1.35V
ECC Memory S	Supported <sup>‡</sup> ? Q	No

### **Graphics Specifications**







## **Expansion Options**

Scalability	1S Only
PCI Express Configurations	Up to 1x16, 2x8, 1x8+2x4

PCI Express Revision ?	3.0
Max # of PCI Express Lanes ?	16

## Package Specifications

Sockets Supported ?	FCLGA1151
Thermal Solution Specification ?	PCG 2015A (35W)
Package Size	37.5mm x 37.5mm

Max CPU Configuration	1
T <sub>JUNCTION</sub> ?	80°C
Low Halogen Options Available	See MDDS

## Advanced Technologies

Intel® Optane™ Memory Supported ‡ ?	Yes
Intel® vPro Technology ‡ ? Q	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) † ? Q	Yes
Intel® TSX-NI ?	Yes
Instruction Set ?	64-bit
Idle States ?	Yes
Thermal Monitoring Technologies ?	Yes
Intel® Stable Image Platform Program (SIPP) ?	Yes

Intel® Turbo Boost Technology † ?	2.0
Intel® Virtualization Technology (VT-x) * ?	Yes
Intel® VT-x with Extended Page Tables (EPT) * ?	Yes
Intel® 64 ‡ ? Q	Yes
Instruction Set Extensions ? SSE4.1/4.2, AVX	X 2.0
Enhanced Intel SpeedStep® Technology ? Q	Yes
Intel® Identity Protection Technology * ?	Yes

## Intel® Data Protection Technology



Secure Key ?	Yes
Intel® Memory Protection Extensions (Intel® MPX) ?	Yes

## Intel® Platform Protection Technology

OS Guard	Yes
Execute Disable Bit <sup>‡</sup> ?	Yes

Trusted Execution Technology † ? Q	Yes
Intel® Device Protection Technology with Boot Guard ?	Yes

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