

## SPECIFICATIONS Intel Core i5-4200 M

<b>Essentials</b>	
Status	Launched
Launch Date	Q4'13
Processor Number	i5-4200M
# of Cores	2
# of Threads	4
Clock Speed	2.5 GHz
Max Turbo Frequency	3.1 GHz
Intel® Smart Cache	3 MB
DMI2	5 GT/s
Instruction Set	64-bit
Instruction Set Extensions	SSE 4.1/4.2, AVX 2.0
Embedded Options Available	No
Lithography	22 nm
Max TDP	37 W
Recommended Customer Price	TRAY: \$225.00
<b>Memory Specifications</b>	
Max Memory Size (dependent on memory type)	32 GB
Memory Types	DDR3L-1333,1600
# of Memory Channels	2
Max Memory Bandwidth	25.6 GB/s
ECC Memory Supported	No
<b>Graphics Specifications</b>	
Processor Graphics †	Intel® HD Graphics 4600
Graphics Base Frequency	400 MHz
Graphics Max Dynamic Frequency	1.15 GHz
Graphics Output	eDP/DP/HDMI/VGA

Intel® Quick Sync Video	Yes
Intel® InTru™ 3D Technology	Yes
Intel® Insider	Yes
Intel® Wireless Display	Yes
# of Displays Supported	3
<b>Expansion Options</b>	
PCI Express Revision	3
PCI Express Configurations	1x16 or 2x8 or 1x8 2x4
Max # of PCI Express Lanes	16
<b>Package Specifications</b>	
Max CPU Configuration	1
T <sub>JUNCTION</sub>	100°C
Package Size	37.5mm x 37.5mm x 4.7mm
Sockets Supported	FCPGA946
Low Halogen Options Available	See MDDS
<b>Advanced Technologies</b>	
Intel® Turbo Boost Technology	2.0
Intel® vPro Technology	No
Intel® Hyper-Threading Technology	Yes
Intel® Virtualization Technology (VT-x)	Yes
Intel® Virtualization Technology for Directed I/O (VT-d)	No
Intel® VT-x with Extended Page Tables (EPT)	Yes
Intel® TSX-NI	Yes
Intel® 64	Yes
Enhanced Intel SpeedStep® Technology	Yes
Thermal Monitoring Technologies	Yes
Intel® Identity Protection Technology	Yes

Intel® Data Protection Technology	
AES New Instructions	Yes
Secure Key	Yes
Trusted Execution Technology	No
Execute Disable Bit	Yes
Anti-Theft Technology	Yes