

PROCESOR INTEL® CELERON® 3205U

(2 MB pamięci cache, 1,50 GHz)



Dane techniczne

Essentials

Launch Date	Q1'15
Status	Launched
Lithography	14nm
Vertical Segment	Mobile
Processor Number	3205U

Performance

Configurable TDP-down Frequency	600.0 MHz
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Processor Base Frequency 1.50 GHz

Cache 2 MB

TDP 15.0 W

of Cores 2

Bus Speed 5 GT/s DMI2

Configurable TDP-down 10.0 W

of Threads 2

Supplemental Information

Embedded Options Available No

Conflict Free Yes

Memory Specifications

Max Memory Bandwidth 25.6 GB/s

Max Memory Size (dependent on memory type) 16 GB

Memory Types DDR3L 1333/1600 LPDDR3 1333/1600

Max # of Memory Channels 2

Graphics Specifications

DirectX* Support 11.2/12

Intel® Flexible Display Interface (Intel® FDI) Yes

Graphics Output eDP/DP/HDMI

Graphics Max Dynamic Frequency 0.80 GHz

Intel® Quick Sync Video	Yes
Graphics Base Frequency	100.0 MHz
Intel® Clear Video Technology	Yes
Intel® Clear Video HD Technology	No
Intel® InTru™ 3D Technology	Yes
# of Displays Supported †	3
Expansion Options	
PCI Express Revision	2.0
Max # of PCI Express Lanes	12
PCI Express Configurations †	4x1 2x4
Package Specifications	
Max CPU Configuration	1
Sockets Supported	FCBGA1168
Low Halogen Options Available	No
Package Size	40mm x 24mm x 1.3mm
T _{JUNCTION}	105°C
Advanced Technologies	
Idle States	Yes
Intel® Smart Response Technology	No
Intel® Fast Memory Access	Yes
Enhanced Intel SpeedStep® Technology	Yes

Intel® Virtualization Technology for Directed I/O (VT-d) †	Yes
	Intel® TSX-NI
No	
Intel® Hyper-Threading Technology †	No
Intel® VT-x with Extended Page Tables (EPT) †	Yes
Intel® Flex Memory Access	Yes
Intel® vPro Technology †	No
Intel® Turbo Boost Technology †	No
Instruction Set Extensions	SSE4.1/4.2
Intel® Virtualization Technology (VT-x) †	Yes
Instruction Set	64-bit
Thermal Monitoring Technologies	Yes
Intel® Stable Image Platform Program (SIPP)	No
Intel® 64 †	Yes
Intel® Identity Protection Technology †	Yes
Security & Reliability	
Trusted Execution Technology †	No
OS Guard	No
Secure Key	Yes
Intel® AES New Instructions	No
Execute Disable Bit †	Yes