

PROCESOR INTEL® PENTIUM® A1020

(2 MB pamięci cache, do 2,66 GHz)



Dane techniczne

Essentials

Processor Number	A1020
Status	Launched
Vertical Segment	Mobile
Lithography	22
Launch Date	Q1'16

Performance

# of Cores	4
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Burst Frequency	2660.0
Processor Base Frequency	2.41 GHz
# of Threads	4
TDP	10.0 W
Cache	2 MB L2

Supplemental Information

Conflict Free	Yes
Embedded Options Available	No

Memory Specifications

Max # of Memory Channels	2
Max Memory Size (dependent on memory type)	8 GB
Memory Types	DDR3L 1333
Max Memory Bandwidth	21.3 GB/s
ECC Memory Supported [†]	No

Graphics Specifications

Graphics Burst Frequency	896.0
# of Displays Supported [†]	2
DirectX* Support	11.2
Intel® Quick Sync Video	Yes
Graphics Base Frequency	688.0 MHz
Graphics Max Dynamic Frequency	0.90 GHz

Expansion Options

PCI Express Revision	2.0
Max # of PCI Express Lanes	4
PCI Express Configurations [†]	X4, X2, X1

Total # of SATA Ports	2
USB Revision	3.0 and 2.0
# of USB Ports	5

Package Specifications

T _{JUNCTION}	105°C
Max CPU Configuration	1
Low Halogen Options Available	No
Sockets Supported	FCBGA1170
Package Size	25mm X 27mm

Advanced Technologies

Instruction Set	64-bit
Enhanced Intel SpeedStep® Technology	Yes
Idle States	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) [†]	No
Intel® Hyper-Threading Technology [†]	No

Intel® 64 † Yes

Intel® vPro Technology † No

Intel® Virtualization Technology (VT-x) † Yes

Intel® Turbo Boost Technology † No

Security & Reliability

Intel® AES New Instructions No

Anti-Theft Technology No

Execute Disable Bit † Yes