

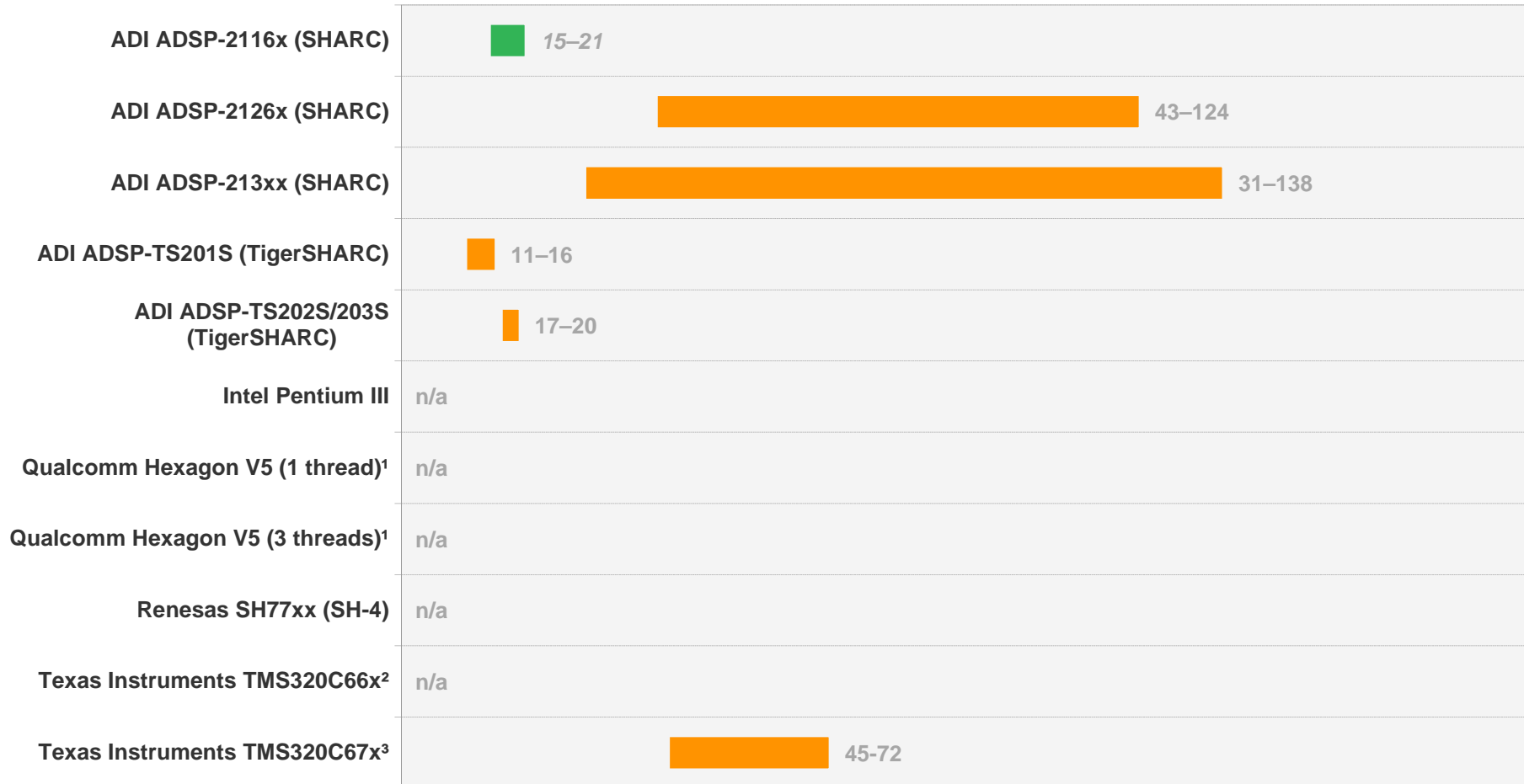
Speed per Dollar Ratios for Floating-Point Packaged Processors

Updated November 2013

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See page 2 for details.



¹ Lower range of score is official single-thread BDTsimMark2000, higher score is projected best case score using the maximum number of available threads (not an official BDTsimMark2000 score).

² Score for one core

³ Score does not apply to TMS320C67x+ parts (e.g., the TMS320C672x)

All processors benchmarked with 32-bit floating-point data.

BDTsimMark2000™ scores may be based on projected clock speeds. For information, see www.BDTI.com/Services/Benchmarks

■ BDTmark2000™/\$
■ BDTsimMark2000™/\$

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Processor Family	Clock Rate (min-max)	BDTImark2000™, BDTIsimMark2000™ (min-max)	Cost (1K) (min-max)	BDTImark2000™/\$, BDTIsimMark2000™/\$ (min-max)
ADI ADSP-2116x (SHARC)	100–110 MHz	550–600	\$26–36	15–21
ADI ADSP-2126x (SHARC)	150–200 MHz	820–1090	\$7–25	43–124
ADI ADSP-213xx (SHARC)	200–400 MHz	1020–2050	\$10–43	31–138
ADI ADSP-TS201S (TigerSHARC)	500–600 MHz	3730–4480	\$252–339	11–16
ADI ADSP-TS202S/203S (TigerSHARC)	500 MHz	3620	\$184–210	17–20
Intel Pentium III	1400 MHz	3130	n/a	n/a
Qualcomm Hexagon V5 (1 thread) ¹	100–267 MHz	900–2400	n/a	n/a
Qualcomm Hexagon V5 (3 threads) ¹	100–267 MHz	2700–	n/a	n/a
Renesas SH77xx (SH-4)	333–400 MHz	1040–1250	n/a	n/a
Texas Instruments TMS320C66x ²	850–1500 MHz	7290–12860	\$34–399	n/a
Texas Instruments TMS320C67x ³	150–300 MHz	750–1500	\$14–33	45–72

¹ Lower range of score is official single-thread BDTIsimMark2000, higher score is projected best case score using the maximum number of available threads (not an official BDTIsimMark2000 score).

² Score for one core

BDTImark2000™, BDTIsimMark2000™: The BDTImark2000™ and BDTIsimMark2000™ provide a summary measure of signal processing speed. BDTIsimMark2000™ scores may be based on projected clock speeds. For information see www.BDTI.com/benchmarks.html

Note: In general, BDTImark2000™/\$ and BDTIsimMark2000™/\$ scores cannot be computed from the speed and pricing data presented here. For example, the fastest processors are not always the most expensive processors. Therefore, it is not always possible to calculate a speed per dollar ratio by dividing the maximum speed for a family by the maximum price for the family.