Speed Scores for Floating-Point Packaged Processors (Higher is Better)
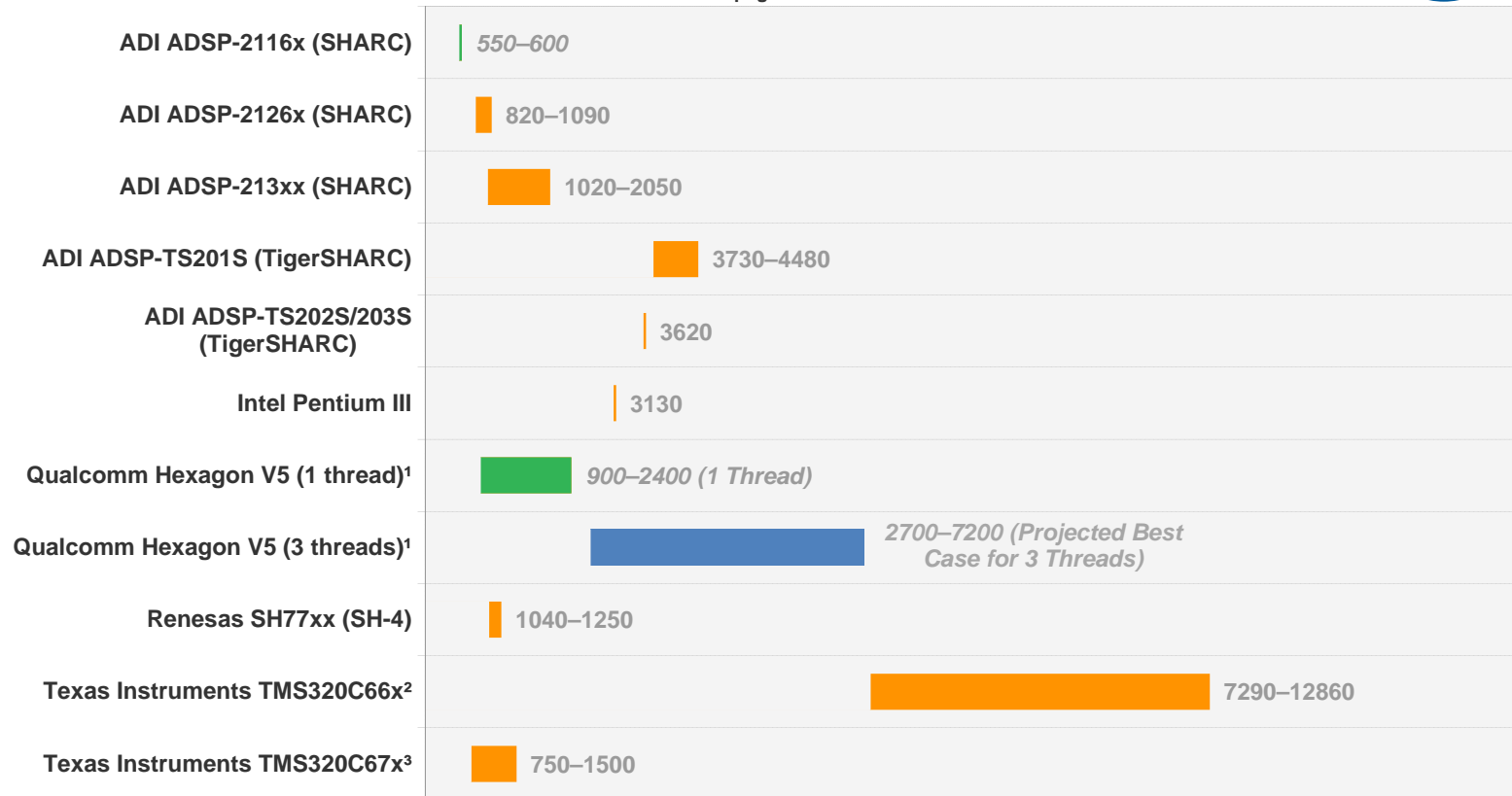## BDTImark2000™ and BDTIsimMark2000™ (Single-Core Scores)

Updated May 2013

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See page 2 for details.

BDTi CERTIFIED™

Processor	Score
ADI ADSP-2116x (SHARC)	550–600
ADI ADSP-2126x (SHARC)	820–1090
ADI ADSP-213xx (SHARC)	1020–2050
ADI ADSP-TS201S (TigerSHARC)	3730–4480
ADI ADSP-TS202S/203S (TigerSHARC)	3620
Intel Pentium III	3130
Qualcomm Hexagon V5 (1 thread)[1]	900–2400 (1 Thread)
Qualcomm Hexagon V5 (3 threads)[1]	2700–7200 (Projected Best Case for 3 Threads)
Renesas SH77xx (SH-4)	1040–1250
Texas Instruments TMS320C66x[2]	7290–12860
Texas Instruments TMS320C67x[3]	750–1500

■ *Projected Best Case Multi-Thread Result*

■ BDTImark2000™

■ *BDTIsimMark2000™*

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

BDTIsimMark2000™ scores may be based on projected clock speeds. For information, see **www.BDTI.com/Services/Benchmarks**

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Processor Family	Clock Rate (min-max)	BDTImark2000™, *BDTIsimMark2000™* (min-max)
ADI ADSP-2116x (SHARC)	100–110 MHz	*550–600*
ADI ADSP-2126x (SHARC)	150–200 MHz	**820–1090**
ADI ADSP-213xx (SHARC)	200–400 MHz	**1020–2050**
ADI ADSP-TS201S (TigerSHARC)	500–600 MHz	**3730–4480**
ADI ADSP-TS202S/203S (TigerSHARC)	500 MHz	**3620**
Intel Pentium III	1400 MHz	**3130**
Qualcomm Hexagon V5 (1 thread)[1]	100–267 MHz (per thread)	*900–2400 (1 Thread)*
Qualcomm Hexagon V5 (3 threads)[1]	100–267 MHz (per thread)	*2700–7200 (Projected Best Case for 3 Threads)*
Renesas SH77xx (SH-4)	333–400 MHz	**1040–1250**
Texas Instruments TMS320C66x[2]	850–1500 MHz	**7290–12860**
Texas Instruments TMS320C67x[3]	150–300 MHz	**750–1500**

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

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