

#### 4 CPUs/1 Parallel Process

Benchmark	Units	BBB	DragonBoard	Jetson	Joule	Raspberry Pi 3
Dhrystone 2 using register variables	lps	3675629.7	6412076.1	16062505.4	20379093.6	4409370.5
Dhrystone 2 using register variables	DMIPS	2092.0	3649.4	9142.0	11598.8	2509.6
Double-Precision Whetstone	MWIPS	191.3	726.3	1939.8	3366.4	765.9
Execl Throughput	lps	420	584.3	1708.2	1012.1	547.4
File Copy 1024 bufsize 2000 maxblocks	KBps	67210.2	175556.2	178734.4	536476.1	147852
File Copy 256 bufsize 500 maxblocks	KBps	20736.3	52613.5	50675.1	175890.5	44358
File Copy 4096 bufsize 8000 maxblocks	KBps	154563.2	444977.6	560630.5	1136087.5	363495
Pipe Throughput	lps	159914.8	448412.7	326667.6	1221011.2	313126.2
Pipe-based Context Switching	lps	24435.6	39752.1	70472.7	56665.2	55660.8
Process Creation	lps	1081.5	1733.9	4638.9	2171.4	2533.6
Shell Scripts (1 concurrent)	lpm	737.4	1381.3	2195.5	4384.9	2171.9
Shell Scripts (8 concurrent)	lpm	94.8	712.4	1264.7	1856.7	590.7
System Call Overhead	lps	348986.1	851850	777035.1	1963668.6	699242.9
System Benchmarks Index Score:		131.2	320	500.7	802.4	306.8

#### 4 CPUs/4 Parallel Process

Benchmark	Units	BBB	DragonBoard	Jetson	Joule	Raspberry Pi 3
Dhrystone 2 using register variables	lps	N/A	18546851.3	65127838.2	66693865.6	17635586.6
Dhrystone 2 using register variables	DMIPS	N/A	10556.0	37067.6	37958.9	10037.3
Double-Precision Whetstone	MWIPS	N/A	2125.1	7802.5	11602.4	3063.1
Execl Throughput	lps	N/A	2984.7	6243.4	8878.1	2277.1
File Copy 1024 bufsize 2000 maxblocks	KBps	N/A	200079.7	254376.7	629679.3	246720.9
File Copy 256 bufsize 500 maxblocks	KBps	N/A	54394.5	75190.3	184008.3	64040.1
File Copy 4096 bufsize 8000 maxblocks	KBps	N/A	560188.4	726453.7	1503381.1	579721.3
Pipe Throughput	lps	N/A	1216158.7	790668.8	4066808.5	1249299.5
Pipe-based Context Switching	lps	N/A	174856.2	250735.2	631020.7	210350.8
Process Creation	lps	N/A	7602.8	8602.8	27367.6	5097.1
Shell Scripts (1 concurrent)	lpm	N/A	4564.4	10213	16146.5	4954.9
Shell Scripts (8 concurrent)	lpm	N/A	588.1	1305.8	2038.1	639.2
System Call Overhead	lps	N/A	2321293.3	2868714.1	5160156	2689482.6
System Benchmarks Index Score:		N/A	744	1225.4	2490.2	780.6