

UNIX Bench (single process)	GNUBLIN	FOXBoard G20	MPX5200	Raspberry Pi	BeagleBone	BeagleBoard	BeagleBone Green	Beaglebone Black	Raspberry Pi 2 Modell B	Banana Pi	C.H.I.P.	Raspberry Pi 3 Modell B	Raspberry Pi 3 Modell B +	UDOO NEO	UDOO Quad	MPX1022	ASUS ITX-220	AMD Athlon 64 X2 Dual Core 4200+	
CPU	LPC3131	AT91SAM9G20	MPC5200B	BCM2835	AM3359	OMAP3530DCBB72	AM3359	AM3359	BCM2836	AllWinner A20	Allwinner R8	BCM 2837	BCM2837B0	Freescale i.MX 6SoloX	iMX6 Quad	QorIQ P1022	INTEL Celeron 220	AMD Athlon 64 X2	
Core	ARM926	ARM926	e300 PowerPC	ARM1176JZF5	Cortex-A8	Cortex-A8	Cortex-A8	Cortex-A8	Cortex-A7 Quad Core	Cortex-A7 Dual Core	Cortex-A8	64-bit quad-core ARMv8	64-bit quad-core Cortex-A53	Cortex™-A9 Cortex™-M4		e500 PowerPC (dual core)	i686	x86_64:x86_64	
Architecture	ARMv5TE	ARMv5TE		ARMv6	ARMv7-A Cortex	ARMv7-A Cortex	ARMv7-A Cortex	ARMv7-A Cortex	ARMv7	ARMv7	ARMv7	ARMv8	ARMv8		ARMv71				
Clock	180	400	400	700	500	720	1000	1000	900	912	1000	1200	1400	A9: 1000 M4: 200	996	1000	1200	2200	MHz
Dhrystone Performance	1.1	1.1		1.25	2	2													DMIPS/MHz
Memory	8	64	256	256	256	256	512	512	1000	1000	4000	1000	1000	512	1000	2000	4000	1000	MB
Results																			
Dhrystone 2 using register variables	310065.2	558534.5	805640.2	1618927.2	1719357	1855801.5	3634674.6	3740724.6	2997441.6	2932009.2	3722731.5	3815989.7	5070066.5	3547489.5	3693343.8	3530921.2	6551754.8	32333481.4	lps
Double-Precision Whetstone	7.2	15.4	190.3	258.9	62.9	87.3	210.5	215.3	434.4	501.9	194	610.1	1235.9	598.3	669.6	69.2	1277.4	3845.6	MWIPS
ExecI Throughput	70.1	194.4	258.6	176.6	424.8	471.4	558	543.4	310.5	411.9	542.1	471.2	878.1	598.9	859.6	1136.3	1103.9	3829.9	lps
File Copy 1024 bufsize 2000 maxblocks	847.3	41084.7	11044	25657	54124	43303.5	80187.5	82144.5	71742.9	78870.3	98549.7	93498.0	146721.7	112214.7	113318.1	259182.3	258535.9	338855.2	KBps
File Copy 256 bufsize 500 maxblocks	778	13918.5	4412.5	7815.9	17629	13515.4	27007.6	27327.4	21046.5	24545.2	34306.9	27238.1	45663.9	34034	38011.9	87167.4	92069.9	108596.3	KBps
File Copy 4096 bufsize 8000 maxblocks	2471.9	2237	5119.5	63173.5	113211.4	89077.8	166353	168033.5	188000.7	186276.2	189116.7	214151.7	365083	249564.9	225343.2	440290.1	658734.8	691912.9	KBps
Pipe Throughput	35381.7	85962	126396.3	112357	154122.4	128317.7	167658.1	177279.3	178207.9	195776.4	275174.1	193869.5	360172.3	280962.7	364691.2	486483.9	391028.2	2045734.1	lps
Pipe-based Context Switching	2064.8	5673.1	52976.1	13584.9	17268.2	25544.9	27025.9	26011.9	34004.9	33906.3	59884.4	42830.4	65193.5	60272.7	36273	140847.9	87303.4	310499.7	lps
Process Creation	192.7	566.8	692.1	519.2	1409.6	1666.8	1803.4	1784.1	1196.3	1300.4	1460.2	1323.9	2615.6	1723.8	2158.4	3477.5	4571.6	9761.6	lps
Shell Scripts (1 concurrent)	144.1	296.3	429.9	332.7	571.6	715.6	854.1	847.5	1161.1	1049.4	734.1	1212.0	2349	1153.5	1408.6	1242.8	2373.8	5158.5	lps
Shell Scripts (8 concurrent)	2.4	39.1	59	42.3	77	78.7	106	105.5	313.4	183.8	97.4	332.9	621.7	148.7	340.9	193.1	319.4	743.8	lps
System Call Overhead	71871.9	204149.9	245929.6	205142.2	276476.9	407425.5	376298.2	364792.4	406343.7	470897	477244.7	423928.1	697049.2	577908	619214.2	1117428.1	871195.1	2759918.8	lps
Index	9.2	36.5	56.9	67.2	99.1	106.2	153.5	153.9	167.6	172.3	174.9	201.5	349.8	221.5	253.3	306.7	444.5	1101	