

	Name	rpi4b	qemu			rpi3bp	graviton2		
		Total 0/0	Distribution			Total 0/0	Distribution		
amo	AArch64								
checks	check1	0/500K				0/500K			0/26.50M
checks	check2	0/500K				0/500K			0/26.50M
checks	check3	0/6M				0/500K			0/33.50M
checks	check4	0/6M				0/500K			0/33.50M
checks	check5	0/6M				0/500K			0/33.50M
checks	check6	0/5.50M				0/500K			0/33.50M
data	LB+pos	0/5M				0/500K			0/40M
data	MP+dmb+po	0/0				0/0			0/0
data	MP+dmbs	0/5M				0/500K			0/39.50M
data	MP+po+dmb	0/0				0/0			0/0
data	MP+po-data+dmb	4.99K/4M	623.38/500K	± 189.09/500K		1.23K/500K	1.23K/500K	± 0.00/500K	431.10K/36M
data	MP+pos	514.11K/5M	51.41K/500K	± 5.20K/500K	0/3.50M	2.17K/500K	2.17K/500K	± 0.00/500K	4.12M/39.50M
data	MP+rfi-data+dmb	2.75K/2M	687.00/500K	± 294.54/500K	0/0	7.31K/500K	7.31K/500K	± 0.00/500K	284.40K/19.50M
data	SB+dmbs	0/5M			0/3.50M	0/500K			0/39.50M
data	SB+pos	890.96K/5M	89.10K/500K	± 10.98K/500K	0/3.50M	67.40K/500K	67.40K/500K	± 0.00/500K	5.10M/39.50M
data	WRC+addrs	0/4.50M			0/3.50M	0/500K			0/39.50M
data	WRC+pos	40.77K/4.50M	4.53K/500K	± 1.01K/500K	0/3.50M	2/500K	2.00/500K	± 0.00/500K	44.26K/39.50M
exc	LB+R-svc-W+R-svc-W	0/4.50M			0/0	0/500K			0/33.50M
exc	MP+W-svc-W+addr	0/4.50M			0/0	33/500K	33.00/500K	± 0.00/500K	2/33.50M
exc	MP+dmb+R-svc-eret-R	0/4.50M			0/0	0/500K			0.03/500K
exc	MP+dmb+eret	0/5M			0/6.50M	0/500K			± 0.17/500K
exc	MP+dmb+svc	0/5M			0/6.50M	0/500K			0/33.50M
exc	MP+dmb+svc-R-eret-svc-R	0/5M			0/0	0/500K			0/33.50M
exc	MP+dmb+svc-R-svc-R	0/5M			0/0	0/500K			0/33M
exc	MP+dmb+svc-R-svc-eret-R	0/5M			0/0	0/500K			0/33M
exc	MP+dmb+svc2-R-eret-R	0/5M			0/0	0/500K			0/33M
exc	MP+svc-W-eret-W+addr	0/5M			0/0	3/500K	3.00/500K	± 0.00/500K	121/33M
exc	SB+W-svc-R+W-svc-R	0/5M			0/0	4.88K/500K	4.88K/500K	± 0.00/500K	1.83/500K
exc	SB+svc-erets	34/5M	3.40/500K	± 4.43/500K	0/0	5.37K/500K	5.37K/500K	± 0.00/500K	10.95/500K
pgtable	CoRT	588.89K/5M	58.89K/500K	± 13.19K/500K	0/0	114.28K/500K	114.28K/500K	± 0.00/500K	3.61/500K
pgtable	CoRT+dsb-isb	557.87K/5M	55.79K/500K	± 9.75K/500K	0/0	64.59K/500K	64.59K/500K	± 0.00/500K	28.45K/500K
pgtable	CoTR	1.46M/5M	145.94K/500K	± 21.67K/500K	2/3.50M	0/500K			± 10.72K/500K
pgtable	CoTR+addr	0/5M			2/3M	0/500K	1.00/500K	± 0.00/500K	± 18.19K/500K
pgtable	CoTR+dmb	1/5M	0.10/500K	± 0.30/500K	5/3M	0/500K			0/32.50M
pgtable	CoTR+dsb	2/5M	0.20/500K	± 0.40/500K	1/3M	0/500K			0.06/500K
pgtable	CoTR+dsb-isb	1/5M	0.10/500K	± 0.30/500K	2/3M	0/500K			± 0.24/500K
pgtable	CoTR.inv	2.67M/5M	266.74K/500K	± 65.29K/500K	0/3.50M	0/500K			0.08/500K
pgtable	CoTR.inv+dsb-isb	0/5M			0/3.50M	0/500K			± 0.27/500K
pgtable	CoTR1+dsb-dc-dsb-tlbi-dsb-isb	2/5M	0.20/500K	± 0.40/500K	0/0	0/500K			1/32.50M
pgtable	CoTR1+dsb-tlbi-dsb-isb	2/5M	0.20/500K	± 0.40/500K	0/0	0/500K			0.02/500K
pgtable	CoTR1.tlbi+dsb-isb	6/5M	0.60/500K	± 1.02/500K	7/3M	1/500K	1.00/500K	± 0.00/500K	0.05/500K
pgtable	CoTT	0/5M			0/0	0/500K			± 0.63/500K
pgtable	CoWT	2.81M/5M	280.69K/500K	± 10.73K/500K	0/3.50M	369.12K/500K	369.12K/500K	± 0.00/500K	0/32.50M
pgtable	CoWT+dsb	2.79M/5M	279.32K/500K	± 9.16K/500K	0/3.50M	248.71K/500K	248.71K/500K	± 0.00/500K	16.30M/32.50M
pgtable	CoWT+dsb-isb	2.81M/5M	280.77K/500K	± 7.54K/500K	0/3.50M	249.23K/500K	249.23K/500K	± 0.00/500K	250.71K/500K
pgtable	CoWT+dsb-svc-tlbi-dsb	0/5M			0/3.50M	0/500K			± 1.74K/500K
pgtable	CoWT.inv	6/5M	0.60/500K	± 1.20/500K	0/3.50M	305.08K/500K	305.08K/500K	± 0.00/500K	16.24M/32.50M
pgtable	CoWT.inv+dmb	5/5M	0.50/500K	± 0.67/500K	0/0	45.59K/500K	45.59K/500K	± 0.00/500K	249.83K/500K
pgtable	CoWT.inv+dsb	1/5M	0.10/500K	± 0.30/500K	0/3.50M	0/500K			± 409.71/500K
pgtable	CoWT.inv+dsb-isb	0/5M			0/3M	0/500K			16.24M/32.50M
pgtable	CoWT1+dsb-tlbi-dsb	0/5M			0/3.50M	0/500K			249.84K/500K
pgtable	CoWT1+dsb-tlbi-dsb-isb	0/5M			0/0	0/500K			± 397.95/500K
pgtable	CoWinvT	2.67M/5M	266.85K/500K	± 8.75K/500K	0/3.50M	293.49K/500K	293.49K/500K	± 0.00/500K	0/32M
pgtable	CoWinvT+dsb-isb	2.69M/5M	268.66K/500K	± 11.77K/500K	0/0	336.81K/500K	336.81K/500K	± 0.00/500K	22/32M
pgtable	CoWinvT1+dsb-tlbi-dsb	0/5M			0/3.50M	0/500K			0.34/500K
pgtable	CoWinvWT1+dsb-tlbi-dsb-dsb-isb	0/5M			0/0	0/500K			± 0.67/500K
pgtable	ISA2.TRR+dmb+po+dmb	0/5M			0/3M	0/500K			15/32M
pgtable	MP.BBM1+[dmb.ld]-dsb-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/107M			0/0	0/0			0.23/500K
pgtable	MP.BBM1+[dmb.ld]-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/197M			0/0	0/1.06G			± 0.49/500K
pgtable	MP.BBM1+[po]-dsb-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/107M			0/0	0/0			0/31.50M
pgtable	MP.BBM1+dsb-isb-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/5M			0/0	0/500K			0.35/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb+dsb	1/5M	0.10/500K	± 0.30/500K	0/0	0/500K			± 0.67/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb+dsb-isb	0/5M			0/0	0/500K			52/125M
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb	1/5M	0.10/500K	± 0.30/500K	0/0	0/500K			0.21/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb-isb	0/5M			0/0	0/500K			± 0.36/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb-isb	1/5M	0.10/500K	± 0.30/500K	0/0	0/500K			± 0.17/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb-isb	2/5M	0.20/500K	± 0.40/500K	0/0	0/500K			2/32M
pgtable	MP.BBM1+po-dsb-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/0			0/0	0/0			0.03/500K
pgtable	MP.BBM1.id+dsb-tlbiis-dsb-dsb+dsb-isb	9/5M	0.90/500K	± 0.30/500K	0/0	0/500K			0.05/500K
pgtable	MP.RT+svc-dsb-tlbi-dsb+dsb-isb	1/5M	0.10/500K	± 0.30/500K	0/3M	0/500K			± 0.28/500K
pgtable	MP.RT+svc-dsb-tlbiis-dsb+dsb-isb	1/5M	0.10/500K	± 0.30/500K	0/3.50M	0/500K			9/181M
pgtable	MP.RT.inv+dmb+addr	0/5M			0/3M	0/500K			0.02/500K
pgtable	MP.RT.inv+dmb+po	0/5M			0/0	0/500K			± 0.16/500K
pgtable	MP.RT1+[dmb.ld]-dmb+dsb-isb	7.14K/5M	714.50/500K	± 129.06/500K	0/0	986/500K	986.00/500K	± 0.00/500K	± 0.17/500K
pgtable	MP.RT1+[dmb.ld]-dsb-isb-tlbiis-dsb-isb+dmb	0/0			0/0	0/0			1.26K/31.50M
pgtable	MP.RT1+[dmb.ld]-dsb-isb-tlbiis-dsb-isb+dsb-isb	0/0			0/0	0/0			19.98/500K
pgtable	MP.RT1+[dmb.ld]-dsb-tlbiis-dsb-isb+dmb	0/5M			0/0	0/500K			± 35.96/500K
pgtable	MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb	4/5M	0.40/500K	± 0.49/500K	0/2.50M	1/500K	1.00/500K	± 0.00/500K	0/12.50M
pgtable	MP.RT1+dc-dsb-tlbiall-dsb-isb+dsb-isb	3/5M	0.30/500K	± 0.46/500K	0/0	0/500K			0/12.50M
pgtable	MP.RT1+dsb-isb-tlbiis-dsb-isb+dsb-isb	0/5M			0/0	0/500K			0/31.50M
pgtable	MP.RT1+dsb-tlbi-dsb+dsb-isb	0/5M			0/3M	0/500K			0/31.50M
pgtable	MP.RT1+dsb-tlbiall-dsb+dsb-isb	5/5M	0.50/500K	± 0.50/500K	0/3.50M	0/500K			5/31.50M
pgtable	MP.RT1+dsb-tlbiallis-dsb+dsb-isb	3/5M	0.30/500K	± 0.64/500K	0/0	0/500K			0.08/500K
pgtable	MP.RT1+dsb-tlbiis-dsb+dsb-isb	1/5M	0.10/500K	± 0.30/500K	0/3.50M	0/500K			± 0.27/500K
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dmb	0/5M			0/0	0/500K			2/31.50M
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dsb-isb	0/5M			0/0	0/500K			0.03/500K
pgtable	MP.RT1+dsb-tlbiis-dsb-tlbiis-dsb+dsb-isb	0/5M			0/3.50M	0/500K			± 0.25/500K
pgtable	MP.TT+Winv-dmb-Winv+tpo	193.79K/5M	19.38K/500K	± 7.02K/500K	0/0	57.63K/500K	57.63K/500K	± 0.00/500K	0/31M
pgtable	MP.TT+dmb+dsb-isb	529.09K/4.50M	58.79K/500K	± 12.70K/500K	0/0	59.96K/500K	59.96K/500K	± 0.00/500K	0/31M
pgtable	MP.TT+dmb+tpo	709.98K/4.50M	78.89K/500K	± 12.86K/500K	0/0	58.59K/500K	58.59K/500K	± 0.00/500K	1.09K/500K
pgtable	MP.TT.inv+dmb+dsb-isb	0/4.50M			0/0	0/500K			± 926.88/500K
pgtable	MP.TT.inv+dmb+tpo	0/4.50M			0/0	0/500K			6.43K/500K
pgtable	MP.invRT+dsb+dsb-isb	570.59K/4M	71.32K/500K	± 11.52K/500K	0/0	20.27K/500K	20.27K/500K	± 0.00/500K	± 7.43K/500K
pgtable	MP.invRT1+dsb-isb-tlbiis-dsb-isb+dsb-isb	0/4.50M			0/0	0/500K			6.23K/500K
pgtable	MP.invRT1+dsb-tlbiis-dsb+dsb	0/4M			0/0	0/500K			± 5.93K/500K
pgtable	MP.invRT1+dsb-tlbiis-dsb+dsb-isb	1/3.50M	0.14/500K	± 0.35/500K	0/0	0/500K			0/31M
pgtable	WRC.AT+ctrl+dsb	107.79K/3.50M	15.40K/500K	± 2.85K/500K	0/3.50M	19.30K/500K	19.30K/500K	± 0.00/500K	705.96K/30.50M
pgtable	WRC.TRR+addr+dmb	0/3.50M			0/3M	0/500K			11.57K/500K
pgtable	WRC.TRR.inv+addrs	0/3.50M			0/3M	0/500K			± 5.91K/500K
pgtable	WRC.TRT+addr+dmb	29.28K/3.50M	4.18K/500K	± 970.04/500K	0/3M	17.92K/500K	17.92K/500K	± 0.00/500K	0.02/500K
pgtable	WRC.TRT+dmbs	26.13K/3.50M	3.73K/500K	± 1.47K/500K	0/3M	22.64K/500K	22.64K/500K	± 0.00/500K	± 0.13/500K
pgtable	WRC.TRT+dsb-isbs	14.43K/3.50M	2.06K/500K	± 994.53/500K	0/3M	11.79K/500K	11.79K/500K	± 0.00/500K	0.03/500K
pgtable	WRC.TRT.inv+addrs	0/3M			0/0	0/500K			± 0.18/500K
pgtable	WRC.TRT.inv+dsb-isbs	0/3M			0/3M	0/0			0/29.50M
pgtable	WRC.TRT.inv+po+addr	0/3M			0/3M	0/0			0/29M
pgtable	WRC.TRT.inv+po+dmb	0/3M			0/3M	0/0			0/28M
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dmb	0/3.50M			0/3M	0/0			0/29M
pgtable	WRC.TRT1+dsb-tlbiis-dsb+dsb-isb	0/3.50M			0/0	0/0			0/29M
aliasing	CoWR.alias	0/6M			0/0	0/1.50M			0/36M
aliasing	MP+dmb-data+dmb	0/5M			0/0	0/1.50M			0/36M
aliasing	MP.alias+dmbs	0/5M			0/0	0/1.50M			0/36M
aliasing	MP.alias2+dmb-data+dmb	0/5M			0/0	0/1.50M			0/36M
aliasing	MP.alias2+dmbs	0/3M			0/0	0/1.50M			0/19.50M
aliasing	MP.alias2+po-data+dmb	2.23K/5M	222.60/500K	± 44.19/500K	0/0	3.17K/1.50M	1.06K/500K	± 107.89/500K	407.36K/36M
aliasing	MP.alias3+rfi-data+dmb	51/3M	8.50/500K	± 2.36/500K	0/0	16/1.50M	5.33/500K	± 2.05/500K	5.66K/500K
aliasing	SB.alias+dmbs	0/5M			0/0	0/1M			± 1.83K/500K
aliasing	WRC.alias2+addrs	0							