



















5























	16-core		32-core		64-core	
	Seq.	Para.	Seq.	Para.	Seq.	Para.
dedup	1095.7	251.4 (<mark>4.4X</mark>)	2134.8	301.3 (7.1X)	2322.9	345.3 (<mark>6.7X</mark>)
facesim	1259.3	234.9 (<mark>5.4X</mark>)	2614.2	303.6 (<mark>8.6X</mark>)	3170.2	342.3 (<mark>9.3X</mark>)
ferret	1124.8	227.8 (<mark>4.9X</mark>)	1777.9	255.6 (7.0X)	2534.3	331.3 (<mark>7.6X</mark>)
freqmine	1203.3	218.0 (<mark>5.5X</mark>)	1635.6	245.6 (<mark>6.7X</mark>)	2718.9	337.3 (<mark>8.1X</mark>)
stream	1183.8	222.7 (<mark>5.3X</mark>)	1710.6	244.3 (7.0X)	4796.4	396.2 (12.1X)
vips	1167.0	227.3 (<mark>5.1X</mark>)	1716.3	257.2 (<mark>6.7X</mark>)	2564.6	337.9 (<mark>7.6X</mark>)
barnes	1039.9	224.3 (<mark>4.6X</mark>)	1693.0	283.3 (6.0X)	3791.8	341.4 (11.1X)
cholesky	1182.4	227.2 (<mark>5.2X</mark>)	1600.3	245.7 (<mark>6.5</mark> X)	4278.3	402.1 (10.6X)
fmm	1146.3	229.6 (<mark>5.0X</mark>)	1689.8	253.6 (<mark>6.7X</mark>)	5037.2	416.1 (<mark>12.1X</mark>)
lu	871.2	156.4 (<mark>5.6X</mark>)	1475.8	204.6 (7.2X)	4540.3	402.7 (11.3X)
radiosity	1022.3	228.8 (<mark>4.5X</mark>)	1567.5	250.4 (<mark>6.3X</mark>)	2813.5	350.3 (<mark>8.0X</mark>)
water	671.5	158.4 (4.2X)	1397.3	236.7 (<mark>5.9X</mark>)	2560.1	356.3 (7.2X)













