

B Appendix: Full Evaluation Table

Table 2: Complete version of Table 1.

Driver	Spec	Tasks	Default	Eager		Lazy		Speedup Overall	Speedup Analysis	[4] Speedup
			Overall	Overall	Analysis	Overall	Analysis			
cp210x	32_1	12	145.314	2.016	1.510	1.665	1.205	87.27	120.59	5.3
dvb-usb-rtl28xxu	08_1a	10	20.509	0.352	0.187	0.416	0.257	49.30	79.80	3.6
cp210x	32_7a	68	684.332	13.148	9.399	13.792	10.051	49.61	68.08	2.7
it87	08_1a	32	70.229	1.376	0.818	1.734	1.176	40.50	59.71	4.6
pt	08_1a	12	41.558	1.372	0.866	1.357	0.923	30.62	45.02	2.4
cp210x	68_1	10	31.812	0.993	0.564	1.145	0.723	27.78	44.00	5.3
dvb-usb-rtl28xxu	39_7a	10	110.893	4.081	1.992	4.059	2.546	27.32	43.55	6.3
dvb-usb-rtl28xxu	32_7a	10	35.551	1.306	0.725	1.550	0.844	22.93	42.12	4.9
it87	68_1	4	9.291	0.336	0.201	0.396	0.251	23.46	37.01	?
dvb-usb-az6007	08_1a	5	4.620	0.173	0.118	0.187	0.132	24.70	35.00	3.5
cp210x	08_1a	68	68.539	2.986	1.453	3.293	2.195	20.81	31.22	2.9
cp210x	39_7a	68	433.280	21.543	13.809	23.459	15.726	18.46	27.55	6.4
it87	39_7a	27	299.297	12.459	9.103	14.376	11.288	20.81	26.51	6.2
it87	32_1	15	18.051	0.919	0.527	1.074	0.682	16.80	26.46	?
dvb-usb-az6007	39_7a	5	17.952	1.378	0.862	1.425	0.989	12.59	18.15	4.9
cx231xx-dvb	08_1a	13	3.330	0.303	0.206	0.323	0.228	10.30	14.60	1.8
panasonic-laptop	08_1a	16	3.466	0.337	0.222	0.384	0.257	9.02	13.48	2.4
spcp8x5	43_1a	13	5.531	0.632	0.437	0.618	0.432	8.94	12.80	1.6
i915	08_1a	78	26.104	3.050	1.933	3.230	2.086	8.08	12.51	6.9
leds-bd2802	08_1a	6	1.349	0.150	0.097	0.162	0.109	8.32	12.37	24
panasonic-laptop	32_1	4	0.623	0.100	0.061	0.072	0.051	8.65	12.21	3.4
i915	32_1	78	26.308	3.074	1.942	3.281	2.160	8.01	12.17	4.0
it87	32_7a	32	64.001	5.519	4.818	6.294	5.395	10.16	11.86	5.4
pt	39_7a	9	54.663	5.746	4.576	6.097	4.951	8.96	11.04	3.6
budget-patch	08_1a	6	0.757	0.089	0.065	0.099	0.075	7.64	10.09	3.1
panasonic-laptop	39_7a	16	18.961	2.377	1.654	2.617	1.906	7.24	9.94	3.6
sym53c500.cs	43_1a	4	0.548	0.076	0.055	0.082	0.061	6.68	8.98	1.3
spcp8x5	68_1	5	1.956	0.345	0.212	0.357	0.226	5.47	8.65	4.8
leds-bd2802	68_1	4	1.039	0.180	0.112	0.191	0.123	5.43	8.44	4.4
i2c-algo-pca	68_1	2	0.370	0.064	0.040	0.071	0.045	5.21	8.22	14
ads7871	08_1a	2	0.085	0.016	0.012	0.015	0.011	5.66	7.72	1.2
wm831x-dcdc	08_1a	3	0.320	0.055	0.037	0.060	0.042	5.33	7.61	1.2
leds-bd2802	32_1	4	0.484	0.089	0.057	0.097	0.064	4.98	7.56	3.9
wm831x-dcdc	32_1	3	0.330	0.063	0.044	0.066	0.047	5.00	7.02	2.1
lms283gf05	08_1a	6	0.428	0.071	0.053	0.081	0.061	5.28	7.01	3.4
cx231xx-dvb	39_7a	13	17.536	3.389	2.425	3.464	2.517	5.06	6.96	3.2
ems_usb	08_1a	21	2.334	0.502	0.327	0.543	0.362	4.29	6.44	2.9
mos7840	43_1a	25	18.588	4.220	3.086	4.043	2.977	4.59	6.24	.66
lms283gf05	32_7a	6	2.649	0.492	0.357	0.570	0.424	4.64	6.24	3.0
panasonic-laptop	32_7a	16	4.917	0.918	0.740	0.973	0.792	5.05	6.20	2.3
i915	39_7a	78	143.907	31.232	22.130	32.401	23.287	4.44	6.17	12
lms283gf05	39_7a	6	2.237	0.485	0.342	0.502	0.373	4.45	5.99	3.6
sym53c500.cs	08_1a	16	1.538	0.350	0.229	0.380	0.262	4.04	5.87	2.7
mos7840	08_1a	52	13.458	3.617	2.114	3.856	2.290	3.49	5.87	7.3
wm831x-dcdc	68_1	3	0.502	0.124	0.080	0.128	0.086	3.92	5.83	3.4
spcp8x5	32_1	13	1.917	0.470	0.295	0.514	0.332	3.72	5.77	3.9
ads7871	39_7a	2	0.136	0.027	0.019	0.032	0.024	4.25	5.66	2.2
i915	32_7a	78	22.148	5.132	3.722	5.410	3.934	4.09	5.62	5.8
ads7871	32_7a	2	0.072	0.016	0.012	0.017	0.013	4.23	5.53	1.7
ssu100	08_1a	28	4.057	1.469	0.987	1.108	0.790	3.66	5.13	3.4
leds-bd2802	39_7a	6	3.515	0.852	0.663	0.894	0.700	3.93	5.02	4.5
catc	08_1a	17	1.460	0.420	0.270	0.445	0.296	3.28	4.93	3.8
tdo24m	08_1a	5	0.256	0.065	0.046	0.070	0.052	3.65	4.92	1.5
sil164	08_1a	3	0.127	0.031	0.022	0.035	0.026	3.62	4.88	3.0
tdo24m	39_7a	5	1.482	0.482	0.348	0.445	0.329	3.33	4.50	2.4
budget-patch	39_7a	6	5.639	1.431	1.154	1.549	1.262	3.64	4.46	5.5
tcm_loop	08_1a	41	3.430	1.056	0.694	1.132	0.773	3.03	4.43	1.3

Table 2: Complete version of Table 1.

Driver	Spec	Tasks	Default	Eager		Lazy		Speedup Overall	Speedup Analysis	[4] Speedup
			Overall	Overall	Analysis	Overall	Analysis			
wm831x-dcdc	39_7a	3	0.579	0.182	0.126	0.243	0.131	2.38	4.41	4.0
spcp8x5	08_1a	37	3.381	1.089	0.687	1.195	0.770	2.82	4.39	3.9
tdo24m	32_7a	5	1.656	0.479	0.346	0.513	0.379	3.22	4.36	1.9
mt2266	08_1a	4	0.152	0.043	0.033	0.046	0.036	3.30	4.22	1.5
cx231xx-dvb	32_7a	13	15.475	4.368	3.619	4.438	3.687	3.48	4.19	2.5
sym53c500_cs	39_7a	15	14.388	4.499	3.193	4.736	3.444	3.03	4.17	6.1
farsync	08_1a	3	0.307	0.118	0.067	0.117	0.074	2.62	4.14	14
mtdoops	08_1a	41	2.098	0.661	0.457	0.715	0.509	2.93	4.12	0.86
wm831x-dcdc	43_1a	3	0.357	0.114	0.079	0.123	0.087	2.90	4.10	1.3
mtdoops	43_1a	20	1.375	0.491	0.362	0.444	0.342	3.09	4.02	1.0
uio_serocos3	08_1a	3	0.080	0.024	0.019	0.026	0.020	3.07	4.00	1.6
slram	08_1a	9	0.475	0.169	0.138	0.154	0.124	3.08	3.83	1.0
com20020_cs	08_1a	2	0.055	0.017	0.012	0.020	0.015	2.75	3.66	1.5
i2c-matroxfb	08_1a	5	0.183	0.057	0.042	0.065	0.050	2.81	3.66	1.0
com20020_cs	39_7a	2	0.487	0.177	0.124	0.186	0.134	2.61	3.63	4.2
sil164	39_7a	3	0.627	0.215	0.157	0.229	0.173	2.73	3.62	4.6
ssu100	32_7a	28	9.773	3.956	2.807	3.759	2.696	2.59	3.62	2.2
cfag12864b	08_1a	2	0.075	0.038	0.030	0.029	0.021	2.58	3.57	1.6
mtdoops	39_7a	35	12.566	4.195	3.322	4.445	3.578	2.82	3.51	2.2
uio_serocos3	39_7a	3	0.365	0.120	0.090	0.133	0.104	2.74	3.50	3.2
abyss	32_1	2	0.045	0.014	0.011	0.016	0.013	2.81	3.46	3.3
cfagl2864b	39_7a	2	0.138	0.052	0.038	0.052	0.040	2.65	3.45	2.3
spcp8x5	39_7a	37	28.170	11.488	7.892	11.798	8.271	2.38	3.40	6.8
cp210x	43_1a	13	21.437	6.932	6.542	6.756	6.356	3.17	3.37	1.4
tcm_loop	39_7a	41	34.809	14.824	10.264	15.359	10.720	2.26	3.24	3.8
ems_usb	39_7a	21	12.391	5.379	3.589	5.671	3.896	2.18	3.18	3.9
farsync	39_7a	11	17.081	8.069	5.344	8.152	5.450	2.09	3.13	?
mos7840	32_1	24	6.503	3.423	2.101	3.419	2.097	1.90	3.10	?
sym53c500_cs	32_7a	16	0.843	0.343	0.260	0.352	0.274	2.39	3.07	2.5
mos7840	32_7a	52	7.927	3.526	2.526	3.575	2.621	2.21	3.02	2.9
mtdoops	32_7a	41	1.688	0.696	0.552	0.722	0.570	2.33	2.96	1.2
mt2266	39_7a	4	0.759	0.303	0.236	0.325	0.259	2.33	2.93	2.9
wl12xx_sdio	08_1a	38	1.519	0.706	0.503	0.750	0.521	2.02	2.91	0.87
i2c-matroxfb	43_1a	3	0.099	0.030	0.024	0.041	0.034	2.41	2.91	1.2
dvb-usb-az6007	32_7a	5	26.212	9.542	8.913	9.940	9.379	2.63	2.79	2.7
tcm_loop	32_7a	41	4.238	1.835	1.290	2.182	1.530	1.94	2.76	1.4
dp83640	08_1a	16	0.783	0.391	0.259	0.416	0.285	1.88	2.74	4.4
mos7840	39_7a	49	135.591	64.798	52.962	64.226	52.369	2.11	2.58	18
wl12xx_sdio	39_7a	38	16.090	8.102	5.797	8.610	6.278	1.86	2.56	2.7
catc	39_7a	17	23.712	11.126	8.930	11.898	9.268	1.99	2.55	3.6
budget-patch	32_7a	6	0.688	0.295	0.264	0.306	0.273	2.24	2.52	1.7
vsxxxaa	68_1	2	0.059	0.034	0.023	0.035	0.024	1.68	2.45	9.5
sil164	32_7a	3	0.577	0.281	0.228	0.293	0.240	1.96	2.40	1.4
pt	43_1a	8	48.608	21.184	20.273	21.080	20.271	2.30	2.39	2.9
spi_ks8995	08_1a	4	0.081	0.039	0.029	0.044	0.034	1.84	2.38	1.5
dp83640	39_7a	16	9.122	5.392	3.792	5.515	3.968	1.65	2.29	14
leds-bd2802	43_1a	4	0.551	0.247	0.218	0.271	0.242	2.03	2.27	63
ssu100	39_7a	28	22.648	13.948	11.138	12.749	10.367	1.77	2.18	4.8
it87	43_1a	15	17.243	7.841	7.546	8.262	7.921	2.08	2.17	9.4
spi_ks8995	32_7a	4	0.443	0.229	0.181	0.253	0.205	1.75	2.16	1.7
rtc-max6902	32_1	5	0.099	0.054	0.041	0.059	0.046	1.67	2.15	1.3
wl12xx_sdio	32_7a	38	1.458	0.870	0.613	0.910	0.683	1.60	2.13	0.86
rtc-max6902	08_1a	9	0.178	0.103	0.078	0.110	0.085	1.61	2.09	1.2
ems_usb	43_1a	9	0.910	0.523	0.423	0.540	0.438	1.68	2.07	1.9
intel_vr_nor	39_7a	9	0.633	0.382	0.283	0.404	0.307	1.56	2.06	2.8
intel_vr_nor	08_1a	9	0.155	0.094	0.071	0.103	0.077	1.50	2.01	1.3
vsxxxaa	32_1	2	0.028	0.017	0.012	0.019	0.014	1.47	2.00	7.0
rtc-max6902	39_7a	8	0.846	0.517	0.396	0.598	0.423	1.41	2.00	2.3
videobuf-vmalloc	68_1	3	0.140	0.087	0.054	0.105	0.072	1.33	1.94	8.4
spi_ks8995	39_7a	4	0.333	0.208	0.165	0.215	0.171	1.54	1.94	2.0
dvb-usb-vp7045	39_7a	12	2.641	1.659	1.244	1.763	1.364	1.49	1.93	4.1
pt	32_7a	12	15.866	8.443	8.142	8.712	8.362	1.82	1.89	2.3

Table 2: Complete version of Table 1.

Driver	Spec	Tasks	Default	Eager		Lazy		Speedup Overall	Speedup Analysis	[4] Speedup
			Overall	Overall	Analysis	Overall	Analysis			
rtc-m41t93	39_7a	3	0.256	0.186	0.136	0.187	0.137	1.36	1.86	1.9
uio_serocos3	32_7a	3	0.215	0.128	0.110	0.133	0.115	1.61	1.86	1.3
slram	39_7a	9	1.184	0.785	0.600	0.844	0.643	1.40	1.84	2.1
rtc-pcf2123	39_7a	3	0.278	0.205	0.145	0.214	0.154	1.29	1.80	5.2
i2c-matroxfb	39_7a	5	0.873	0.581	0.434	0.630	0.484	1.38	1.80	5.3
rtc-m41t93	08_1a	3	0.037	0.028	0.021	0.028	0.021	1.32	1.76	2.1
leds-bd2802	32_7a	6	0.584	0.350	0.327	0.356	0.332	1.64	1.75	1.4
catc	32_7a	17	0.731	0.519	0.404	0.531	0.420	1.37	1.74	1.6
videobuf-vmalloc	32_7a	28	12.932	7.966	7.375	8.147	7.516	1.58	1.72	1.3
mt2266	32_7a	4	0.116	0.074	0.064	0.078	0.068	1.48	1.70	1.2
vsxxxaa	39_7a	4	0.352	0.287	0.198	0.270	0.209	1.30	1.68	2.7
videobuf-vmalloc	32_1	18	9.024	5.797	5.248	5.952	5.405	1.51	1.66	3.9
slram	68_1	3	0.082	0.071	0.045	0.076	0.050	1.07	1.64	1.8
ar7part	32_1	2	0.013	0.010	0.008	0.010	0.008	1.30	1.62	3.9
panasonic-laptop	43_1a	4	2.249	1.482	1.381	1.493	1.391	1.50	1.61	2.9
spcp8x5	32_7a	37	1.489	1.161	0.878	1.202	0.923	1.23	1.61	2.5
rtc-pcf2123	08_1a	3	0.041	0.035	0.025	0.036	0.026	1.13	1.57	2.7
ar7part	08_1a	6	0.072	0.050	0.039	0.057	0.046	1.26	1.56	2.4
videobuf-vmalloc	39_7a	26	2.565	2.211	1.529	2.235	1.649	1.14	1.55	3.3
ems_usb	32_7a	21	0.868	0.649	0.518	0.682	0.558	1.27	1.55	1.7
dvb-usb-vp7045	32_7a	12	7.035	5.074	4.641	4.893	4.551	1.43	1.54	4.1
slram	32_1	5	0.090	0.081	0.051	0.089	0.059	1.01	1.52	1.5
cfag12864b	32_1	2	0.513	0.421	0.396	0.355	0.339	1.44	1.51	2.2
videobuf-vmalloc	08_1a	30	0.531	0.463	0.341	0.476	0.356	1.11	1.49	1.2
intel_vr_nor	32_7a	9	0.298	0.235	0.182	0.251	0.199	1.18	1.49	1.6
com20020_cs	32_7a	2	0.100	0.078	0.067	0.078	0.067	1.28	1.49	1.1
i2c-matroxfb	32_7a	5	0.303	0.244	0.198	0.252	0.206	1.20	1.47	1.4
dvb-usb-vp7045	08_1a	12	0.240	0.164	0.126	0.223	0.165	1.07	1.45	3.8
ar7part	39_7a	6	0.200	0.137	0.106	0.175	0.141	1.14	1.41	3.6
slram	43_1a	5	0.193	0.158	0.131	0.163	0.136	1.18	1.41	1.8
rtc-m41t93	32_7a	3	0.104	0.079	0.060	0.095	0.074	1.09	1.40	1.3
rtc-pcf2123	32_7a	3	0.111	0.097	0.073	0.104	0.079	1.06	1.40	1.1
vsxxxaa	08_1a	4	0.064	0.073	0.061	0.063	0.048	1.01	1.33	3.8
videobuf-vmalloc	43_1a	18	0.369	0.353	0.266	0.346	0.279	1.06	1.32	2.0
magellan	08_1a	2	0.013	0.010	0.008	0.012	0.010	1.08	1.30	2.9
metro-usb	39_7a	25	4.628	4.743	3.308	5.064	3.572	0.91	1.29	4.9
i2c-algo-pca	32_1	7	0.156	0.169	0.107	0.184	0.121	0.84	1.28	12
i2c-algo-pca	39_7a	9	0.377	0.379	0.275	0.411	0.307	0.91	1.22	6.6
metro-usb	32_7a	25	1.831	1.807	1.342	1.960	1.492	0.93	1.22	4.8
vsxxxaa	32_7a	4	0.066	0.064	0.052	0.067	0.056	0.98	1.17	1.8
slram	32_7a	9	0.342	0.338	0.287	0.353	0.300	0.96	1.14	0.78
magellan	39_7a	2	0.071	0.070	0.058	0.075	0.063	0.94	1.12	2.2
ar7part	32_7a	6	0.071	0.067	0.056	0.074	0.063	0.95	1.12	1.3
cxd2820r	39_7a	17	3.354	4.568	2.919	4.654	3.011	0.72	1.11	4.4
metro-usb	08_1a	25	0.394	0.497	0.330	0.518	0.356	0.76	1.10	2.1
i2c-algo-pca	08_1a	9	0.105	0.135	0.092	0.142	0.099	0.73	1.06	3.0
cxd2820r	32_7a	17	0.543	0.758	0.499	0.773	0.512	0.70	1.06	1.7
rtc-max6902	32_7a	9	0.133	0.124	0.106	0.147	0.126	0.90	1.05	1.1
cxd2820r	08_1a	17	0.430	0.589	0.372	0.630	0.415	0.68	1.03	1.5
i915	43_1a	78	0.464	0.636	0.636	0.591	0.591	1.00	1.00	1.0
i2c-algo-pca	32_7a	9	0.014	0.021	0.021	0.019	0.019	1.00	1.00	2.0
i2c-algo-pca	43_1a	7	0.012	0.018	0.018	0.019	0.019	1.00	1.00	1.0
dvb-usb-vp7045	43_1a	2	0.001	0.002	0.002	0.027	0.027	1.00	1.00	2.6
farsync	32_7a	11	0.073	0.092	0.092	0.091	0.091	1.00	1.00	1.0
wm831x-dcdc	32_7a	3	0.007	0.009	0.009	0.010	0.010	1.00	1.00	5.1
budget-patch	43_1a	2	0.378	0.395	0.386	0.393	0.384	0.96	0.98	1.4
cfag12864b	43_1a	2	0.036	0.039	0.036	0.040	0.037	0.90	0.97	1.0
cfag12864b	32_7a	2	0.449	0.455	0.440	0.482	0.469	0.93	0.95	1.2
rtc-max6902	43_1a	5	0.278	0.273	0.262	0.303	0.291	0.91	0.95	1.1
farsync	43_1a	10	8.372	9.673	8.833	9.705	8.897	0.86	0.94	2.6
magellan	32_7a	2	0.015	0.018	0.016	0.018	0.016	0.83	0.93	0.93
vsxxxaa	43_1a	2	0.030	0.037	0.033	0.036	0.032	0.83	0.93	6.8

Table 2: Complete version of Table 1.

Driver	Spec	Tasks	Default	Eager		Lazy		Speedup Overall	Speedup Analysis	[4] Speedup
			Overall	Overall	Analysis	Overall	Analysis			
ar7part	43_1a	2	0.036	0.043	0.038	0.044	0.039	0.81	0.92	1.2
Sum		1,177	529.258	142.856	107.543	146.275	112.225			
Mean		13	5.881	1.587	1.195	1.625	1.247	3.618	4.716	3.17
Sum (All)		2,660	3,048.373	434.853	334.603	448.424	349.69			
Mean (All)		15	16.749	2.389	1.838	2.464	1.921	6.798	8.717	4.3