

Battery report

COMPUTER NAME	TOMSURFACE
SYSTEM PRODUCT NAME	Microsoft Corporation Surface Pro 3
BIOS	3.11.1150 12/09/2015
OS BUILD	10586.420.amd64fre.th2_release_sec.160527-1834
PLATFORM ROLE	Slate
CONNECTED STANDBY	Supported
REPORT TIME	2016-07-01 20:01:39

Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	X898289
MANUFACTURER	SIMPLO
SERIAL NUMBER	1162549764
CHEMISTRY	LION
DESIGN CAPACITY	mWh
FULL CHARGE CAPACITY	mWh
CYCLE COUNT	181

Recent usage

Power states over the last 3 days

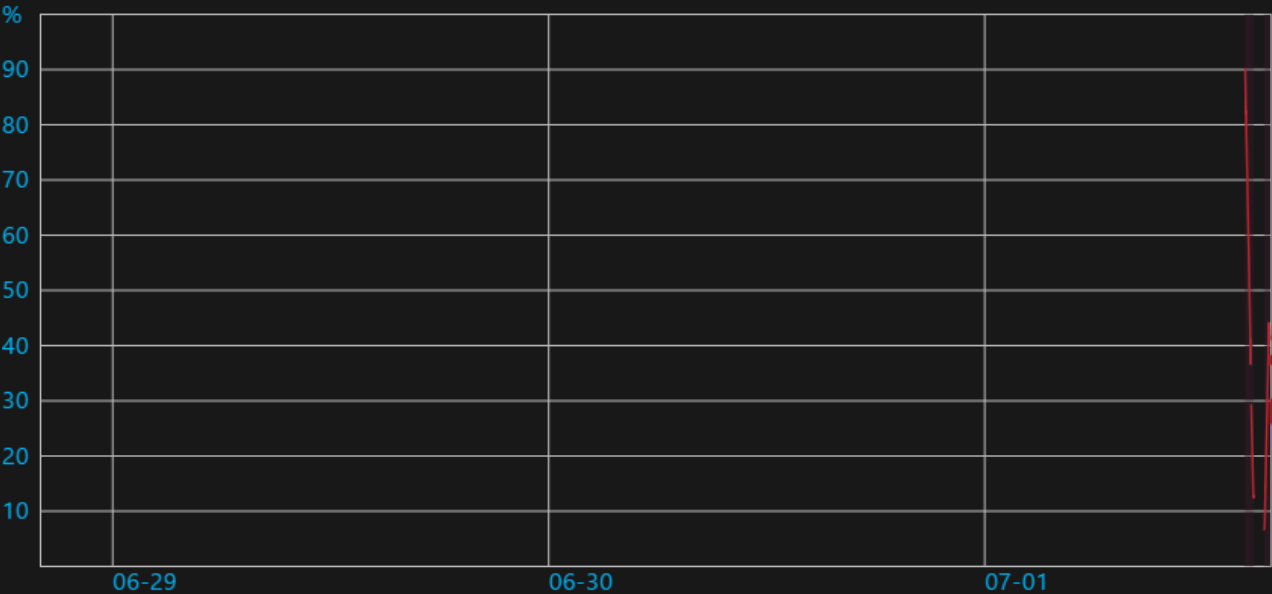
START TIME	STATE	SOURCE	CAPACITY REMAINING
2016-06-28 21:39:53	Suspended		100 % mWh
22:42:36	Active	AC	100 % mWh
22:52:38	Connected standby	AC	100 % mWh
2016-06-29 02:52:58	Suspended		100 % mWh
07:47:08	Connected standby	AC	100 % mWh
07:47:08	Active	AC	100 % mWh
09:55:41	Connected standby	AC	100 % mWh
09:55:45	Active	AC	100 % mWh
10:05:45	Connected standby	AC	100 % mWh
10:14:43	Active	AC	100 % mWh
11:12:34	Connected standby	AC	100 % mWh
11:12:37	Active	AC	100 % mWh
11:22:37	Connected standby	AC	100 % mWh
12:06:49	Active	AC	100 % mWh
16:33:24	Connected standby	AC	100 % mWh
16:33:27	Active	AC	100 % mWh
16:43:27	Connected standby	AC	100 % mWh
16:57:00	Active	AC	100 % mWh
18:11:06	Connected standby	AC	100 % mWh
18:13:39	Active	AC	100 % mWh
18:17:20	Connected standby	AC	100 % mWh

	18:27:07	Active	AC	100 %	mWh
	18:32:52	Connected standby	AC	100 %	mWh
	21:12:49	Active	AC	100 %	mWh
	21:13:19	Connected standby	AC	100 %	mWh
	21:22:53	Active	AC	100 %	mWh
	21:23:24	Connected standby	AC	100 %	mWh
2016-06-30	01:33:09	Suspended		100 %	mWh
	10:38:04	Connected standby	AC	100 %	mWh
	10:38:04	Active	AC	100 %	mWh
	11:51:46	Connected standby	AC	100 %	mWh
	12:15:14	Active	AC	100 %	mWh
	13:54:32	Connected standby	AC	100 %	mWh
	13:54:35	Active	AC	100 %	mWh
	14:04:35	Connected standby	AC	100 %	mWh
	14:14:25	Active	AC	100 %	mWh
	15:22:30	Connected standby	AC	100 %	mWh
	15:22:33	Active	AC	100 %	mWh
	15:53:31	Connected standby	AC	74 %	mWh
	15:53:34	Active	AC	74 %	mWh
	15:54:17	Connected standby	AC	74 %	mWh
	16:18:43	Active	AC	100 %	mWh
	18:19:48	Connected standby	AC	100 %	mWh
	18:23:04	Active	AC	100 %	mWh
	18:23:34	Connected standby	AC	100 %	mWh
	22:33:20	Suspended		100 %	mWh
	23:27:51	Connected standby	AC	100 %	mWh
	23:27:51	Active	AC	100 %	mWh
2016-07-01	02:09:00	Suspended		100 %	mWh
	02:11:19	Active	AC	100 %	mWh
	02:35:05	Connected standby	AC	100 %	mWh
	02:45:05	Active	AC	100 %	mWh
	02:50:37	Connected standby	AC	100 %	mWh
	06:55:35	Suspended		100 %	mWh
	11:14:10	Connected standby	AC	100 %	mWh
	11:14:10	Active	AC	100 %	mWh
	11:14:13	Connected standby	AC	100 %	mWh
	11:23:43	Active	AC	100 %	mWh
	11:24:14	Connected standby	AC	100 %	mWh
	11:24:39	Active	AC	100 %	mWh
	13:02:45	Connected standby	AC	100 %	mWh
	13:02:46	Suspended		100 %	mWh
	14:20:02	Active	Battery	90 %	mWh
	14:38:56	Connected standby	Battery	37 %	mWh
	14:38:56	Suspended		37 %	mWh
	14:40:06	Active	Battery	29 %	mWh
	14:47:10	Connected standby	Battery	12 %	mWh
	14:47:10	Suspended		12 %	mWh
	15:23:09	Connected standby	AC	4 %	mWh
	15:23:09	Active	AC	4 %	mWh
	15:38:58	Active	Battery	44 %	mWh
	15:40:50	Connected standby	Battery	42 %	mWh
	15:42:59	Suspended		41 %	mWh
	15:43:39	Active	Battery	38 %	mWh
	15:43:47	Suspended		37 %	mWh
	15:44:56	Connected standby	Battery	30 %	mWh

15:44:56	Active	Battery	30 %	mWh
15:45:17	Connected standby	Battery	26 %	mWh
15:45:17	Suspended		26 %	mWh
19:58:42	Connected standby	AC	36 %	mWh
19:58:42	Active	AC	36 %	mWh
20:01:00	Report generated	AC	42 %	mWh

Battery usage

Battery drains over the last 3 days



START TIME		STATE	DURATION	ENERGY DRAINED	
2016-07-01	14:20:02	Active	0:18:53	54 %	mWh
	14:38:56	Connected standby	0:00:00	-	-
	14:40:06	Active	0:07:03	17 %	mWh
	14:47:10	Connected standby	0:00:00	-	-
	15:38:58	Active	0:01:51	3 %	mWh
	15:40:50	Connected standby	0:02:09	1 %	mWh
	15:43:39	Active	0:00:07	2 %	mWh
	15:44:56	Connected standby	0:00:00	-	-
	15:44:56	Active	0:00:20	5 %	mWh
	15:45:17	Connected standby	0:00:00	-	-

Usage history

History of system usage on AC and battery

PERIOD	BATTERY DURATION		AC DURATION	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2015-12-21 - 2015-12-28	3:36:22	23:19:20	28:05:28	49:59:58
2015-12-28 - 2016-01-04	5:04:11	41:26:33	39:48:11	64:24:23
2016-01-04 - 2016-01-11	2:26:51	17:44:38	8:18:26	15:08:41
2016-01-11 - 2016-01-18	2:35:54	37:50:32	29:37:01	18:16:34
2016-01-18 - 2016-01-25	2:32:54	10:37:55	42:04:34	27:50:42
2016-01-25 - 2016-02-01	2:34:31	12:23:31	71:01:49	66:54:30
2016-02-01 - 2016-02-08	6:08:12	34:33:55	105:20:57	82:17:00
2016-02-08 - 2016-02-15	0:00:48	5:10:31	32:59:27	30:48:27

2016-02-15 - 2016-02-22	14:15:00	35:03:09	65:35:09	51:40:51
2016-02-22 - 2016-02-29	19:29:09	54:15:55	93:13:58	59:00:05
2016-02-29 - 2016-03-07	0:15:38	4:01:42	20:01:45	22:29:53
2016-03-07 - 2016-03-14	5:16:42	10:28:08	44:24:54	61:36:15
2016-03-14 - 2016-03-21	4:05:00	11:36:00	18:16:30	23:28:13
2016-03-21 - 2016-03-28	0:47:05	4:34:07	35:51:23	31:11:30
2016-03-28 - 2016-04-04	0:41:11	9:46:22	32:33:23	33:12:18
2016-04-04 - 2016-04-18	10:00:32	44:04:21	94:22:38	112:48:45
2016-04-18 - 2016-05-02	13:37:33	75:54:24	135:28:36	143:26:34
2016-05-02 - 2016-05-09	-	-	10:49:35	17:00:11
2016-05-09 - 2016-05-16	4:34:01	18:32:52	9:11:46	20:44:30
2016-05-16 - 2016-05-23	7:13:32	6:57:17	6:16:34	36:26:56
2016-05-23 - 2016-05-30	4:20:27	15:04:12	10:01:06	16:45:20
2016-05-30 - 2016-06-06	0:33:51	0:01:05	35:37:01	59:01:50
2016-06-06 - 2016-06-13	0:06:52	4:34:00	12:23:47	37:07:22
2016-06-13 - 2016-06-20	1:39:47	12:22:02	15:21:15	32:45:04
2016-06-21	-	-	6:03:21	6:41:12
2016-06-22	0:00:05	0:24:37	5:43:01	9:43:32
2016-06-23	1:00:00	5:20:19	0:37:03	0:00:04
2016-06-24	-	-	0:59:35	2:27:04
2016-06-25	-	-	-	1:33:13
2016-06-26	-	-	2:23:18	16:01:48
2016-06-27	0:22:55	3:27:14	2:17:00	0:12:33
2016-06-28	0:02:20	0:00:09	4:41:24	8:09:42
2016-06-29	-	-	9:27:20	9:38:04
2016-06-30	-	-	7:16:18	6:43:54

Battery capacity history

Charge capacity history of the system's batteries

PERIOD	FULL CHARGE CAPACITY	DESIGN CAPACITY
2015-12-21 - 2015-12-28	mWh	mWh
2015-12-28 - 2016-01-04	mWh	mWh
2016-01-04 - 2016-01-11	mWh	mWh
2016-01-11 - 2016-01-18	mWh	mWh
2016-01-18 - 2016-01-25	mWh	mWh
2016-01-25 - 2016-02-01	mWh	mWh
2016-02-01 - 2016-02-08	mWh	mWh
2016-02-08 - 2016-02-15	mWh	mWh
2016-02-15 - 2016-02-22	mWh	mWh
2016-02-22 - 2016-02-29	mWh	mWh
2016-02-29 - 2016-03-07	mWh	mWh
2016-03-07 - 2016-03-14	mWh	mWh
2016-03-14 - 2016-03-21	mWh	mWh
2016-03-21 - 2016-03-28	mWh	mWh
2016-03-28 - 2016-04-04	mWh	mWh
2016-04-04 - 2016-04-18	mWh	mWh
2016-04-18 - 2016-05-02	mWh	mWh
2016-05-02 - 2016-05-09	mWh	mWh
2016-05-09 - 2016-05-16	mWh	mWh
2016-05-16 - 2016-05-23	mWh	mWh
2016-05-23 - 2016-05-30	mWh	mWh
2016-05-30 - 2016-06-06	mWh	mWh

2016-06-06 - 2016-06-13	mWh	mWh
2016-06-13 - 2016-06-20	mWh	mWh
2016-06-21	mWh	mWh
2016-06-22	mWh	mWh
2016-06-23	mWh	mWh
2016-06-24	mWh	mWh
2016-06-25	mWh	mWh
2016-06-26	mWh	mWh
2016-06-27	mWh	mWh
2016-06-28	mWh	mWh
2016-06-29	mWh	mWh
2016-06-30	mWh	mWh

Battery life estimates

Battery life estimates based on observed drains

PERIOD	AT FULL CHARGE		AT DESIGN CAPACITY	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2015-12-21 - 2015-12-28	6:32:26	295:18:26 5 % / 16 h	6:41:47	302:20:07 5 % / 16 h
2015-12-28 - 2016-01-04	6:05:53	479:28:44 3 % / 16 h	6:14:11	490:20:34 3 % / 16 h
2016-01-04 - 2016-01-11	5:26:46	306:07:28 5 % / 16 h	5:33:40	312:35:25 5 % / 16 h
2016-01-11 - 2016-01-18	5:46:19	242:01:41 7 % / 16 h	5:54:14	247:33:57 6 % / 16 h
2016-01-18 - 2016-01-25	7:53:51	165:29:04 10 % / 16 h	8:05:13	169:27:21 9 % / 16 h
2016-01-25 - 2016-02-01	7:58:17	192:38:39 8 % / 16 h	8:10:21	197:30:26 8 % / 16 h
2016-02-01 - 2016-02-08	6:02:44	42:51:23 37 % / 16 h	6:11:48	43:55:39 36 % / 16 h
2016-02-08 - 2016-02-15	-	78:22:56 20 % / 16 h	-	79:58:33 20 % / 16 h
2016-02-15 - 2016-02-22	7:25:24	187:09:25 9 % / 16 h	7:29:19	188:47:46 8 % / 16 h
2016-02-22 - 2016-02-29	7:09:38	205:37:45 8 % / 16 h	7:13:28	207:27:35 8 % / 16 h
2016-02-29 - 2016-03-07	3:08:55	131:15:56 12 % / 16 h	3:22:09	140:27:54 11 % / 16 h
2016-03-07 - 2016-03-14	6:00:12	324:54:59 5 % / 16 h	6:44:41	365:02:34 4 % / 16 h
2016-03-14 - 2016-03-21	3:47:52	76:58:56 21 % / 16 h	5:03:20	102:28:37 16 % / 16 h
2016-03-21 - 2016-03-28	3:06:18	81:12:21 20 % / 16 h	4:21:55	114:09:59 14 % / 16 h
2016-03-28 - 2016-04-04	6:35:46	74:49:26 21 % / 16 h	8:49:57	100:11:32 16 % / 16 h
2016-04-04 - 2016-04-18	4:10:42	117:25:14 14 % / 16 h	5:21:37	150:38:15 11 % / 16 h
2016-04-18 - 2016-05-02	4:23:27	72:10:11 22 % / 16 h	5:27:39	89:45:32 18 % / 16 h
2016-05-02 - 2016-05-09	-	-	-	-
2016-05-09 - 2016-05-16	3:25:41	124:02:57 13 % / 16 h	4:56:41	178:55:43 9 % / 16 h
2016-05-16 - 2016-05-23	2:13:23	69:36:04 23 % / 16 h	3:37:57	113:43:40 14 % / 16 h
2016-05-23 - 2016-05-30	2:18:33	99:36:51 16 % / 16 h	4:32:08	195:39:33 8 % / 16 h
2016-05-30 - 2016-06-06	4:04:41	19:16:03 83 % / 16 h	10:04:09	47:34:22 34 % / 16 h

2016-06-06 - 2016-06-13	1:11:32	41:39:07 38 % / 16 h	3:55:09	136:55:31 12 % / 16 h
2016-06-13 - 2016-06-20	1:08:35	38:12:10 42 % / 16 h	5:32:02	184:56:48 9 % / 16 h
2016-06-21	-	-	-	-
2016-06-22	-	38:07:11 42 % / 16 h	-	216:12:03 7 % / 16 h
2016-06-23	1:21:21	14:47:00 108 % / 16 h	8:18:59	90:40:36 18 % / 16 h
2016-06-24	-	-	-	-
2016-06-25	-	-	-	-
2016-06-26	-	-	-	-
2016-06-27	0:57:01	10:58:07 146 % / 16 h	6:38:23	76:38:04 21 % / 16 h
2016-06-28	0:34:15	-	4:35:32	-
2016-06-29	-	-	-	-
2016-06-30	-	-	-	-

Current estimate of battery life based on all observed drains since OS install

Since OS install	0:32:12	12:17:57 130 % / 16 h	5:54:35	135:22:48 12 % / 16 h
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