

# Battery report

COMPUTER NAME	SURFACEJÉRÔME
SYSTEM PRODUCT NAME	Microsoft Corporation Surface 3
BIOS	1.50410.78 03/10/2015
OS BUILD	9600.17936.amd64fre.winblue_ltsb.150715-0840
PLATFORM ROLE	Slate
CONNECTED STANDBY	Supported
REPORT TIME	2015-08-22 14:22:55

## Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	P11G8M
MANUFACTURER	SMP
SERIAL NUMBER	515037912
CHEMISTRY	LION
DESIGN CAPACITY	mWh
FULL CHARGE CAPACITY	mWh
CYCLE COUNT	10

## Recent usage

Power states over the last 3 days

START TIME	STATE	SOURCE	CAPACITY REMAINING	
2015-08-19 14:44:50	Active	Battery	24 %	mWh
15:46:36	Connected standby	Battery	8 %	mWh
15:46:36	Active	Battery	8 %	mWh
15:59:00	Active	AC	5 %	mWh
16:48:23	Connected standby	AC	21 %	mWh
16:48:32	Active	AC	21 %	mWh
16:51:02	Connected standby	AC	22 %	mWh
17:10:19	Active	AC	32 %	mWh
17:18:07	Connected standby	AC	34 %	mWh
17:54:43	Active	AC	52 %	mWh
18:47:18	Active	Battery	69 %	mWh
18:51:01	Active	AC	68 %	mWh
19:09:24	Connected standby	AC	74 %	mWh
19:21:07	Active	AC	79 %	mWh
19:42:43	Connected standby	AC	86 %	mWh
20:29:46	Active	AC	97 %	mWh
20:45:00	Connected standby	AC	99 %	mWh
22:46:22	Active	AC	100 %	mWh
22:48:11	Active	Battery	100 %	mWh
22:51:56	Active	AC	100 %	mWh
22:55:17	Connected standby	AC	100 %	mWh

	22:55:20	Active	AC	100 %	mWh
	22:56:52	Connected standby	AC	100 %	mWh
	22:56:54	Active	AC	100 %	mWh
	22:57:14	Connected standby	AC	100 %	mWh
	22:57:15	Suspended		100 %	mWh
	23:00:11	Active	AC	100 %	mWh
	23:02:00	Active	Battery	100 %	mWh
	23:02:37	Active	AC	100 %	mWh
	23:09:08	Active	Battery	100 %	mWh
	23:30:33	Connected standby	Battery	96 %	mWh
2015-08-20	03:30:33	Suspended		91 %	mWh
	09:41:46	Active	Battery	90 %	mWh
	09:46:50	Connected standby	Battery	89 %	mWh
	11:01:06	Active	Battery	88 %	mWh
	11:01:23	Connected standby	Battery	88 %	mWh
	11:01:25	Active	Battery	88 %	mWh
	11:23:23	Active	AC	83 %	mWh
	11:35:13	Connected standby	AC	86 %	mWh
	11:35:48	Active	AC	87 %	mWh
	11:37:51	Suspended		87 %	mWh
	11:39:36	Active	AC	88 %	mWh
	11:41:34	Connected standby	AC	88 %	mWh
	11:43:14	Active	AC	89 %	mWh
	11:57:03	Connected standby	AC	92 %	mWh
	12:24:27	Active	AC	97 %	mWh
	12:30:00	Suspended		97 %	mWh
	12:32:29	Active	AC	98 %	mWh
	12:34:27	Connected standby	AC	98 %	mWh
	13:00:44	Active	AC	100 %	mWh
	13:01:27	Active	Battery	100 %	mWh
	13:05:58	Active	AC	99 %	mWh
	13:06:01	Connected standby	AC	99 %	mWh
	13:06:05	Active	AC	99 %	mWh
	13:32:35	Active	Battery	100 %	mWh
	14:22:36	Connected standby	Battery	84 %	mWh
	14:33:36	Active	Battery	84 %	mWh
	14:43:38	Connected standby	Battery	82 %	mWh
	15:31:53	Active	Battery	82 %	mWh
	15:34:11	Connected standby	Battery	82 %	mWh
	15:35:05	Active	Battery	82 %	mWh
	15:36:55	Connected standby	Battery	81 %	mWh
	15:37:00	Active	Battery	81 %	mWh
	15:37:22	Connected standby	Battery	81 %	mWh
	16:04:57	Active	Battery	81 %	mWh
	16:09:37	Connected standby	Battery	80 %	mWh
	17:18:07	Active	Battery	79 %	mWh
	17:18:38	Connected standby	Battery	79 %	mWh
	17:39:33	Active	Battery	79 %	mWh
	17:46:40	Connected standby	Battery	78 %	mWh
	17:57:05	Active	Battery	78 %	mWh
	18:05:15	Connected standby	Battery	77 %	mWh
	18:11:13	Active	Battery	76 %	mWh
	18:21:13	Connected standby	Battery	75 %	mWh
	18:34:25	Active	Battery	75 %	mWh

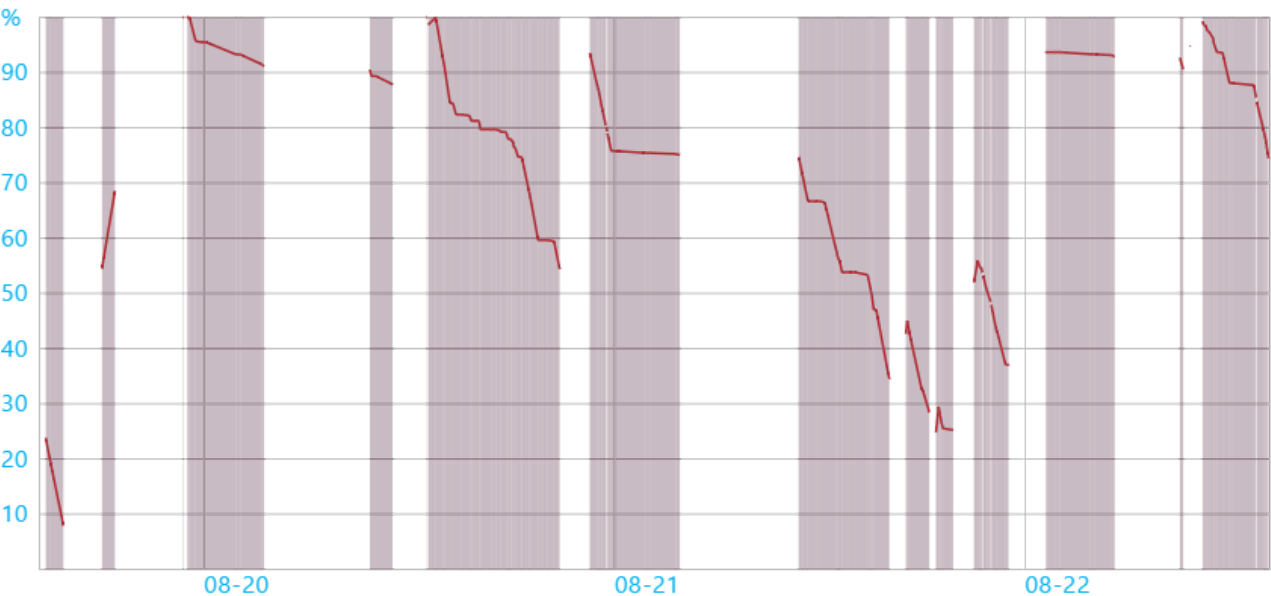
	19:31:55	Connected standby	Battery	60 %	mWh
	20:27:52	Active	Battery	59 %	mWh
	20:46:58	Connected standby	Battery	54 %	mWh
	20:46:59	Active	Battery	54 %	mWh
	20:47:14	Connected standby	Battery	54 %	mWh
	20:47:14	Suspended		54 %	mWh
	20:48:42	Active	Battery	54 %	mWh
	20:49:41	Active	AC	54 %	mWh
	20:50:03	Connected standby	AC	54 %	mWh
	20:50:03	Suspended		54 %	mWh
	20:51:22	Connected standby	AC	54 %	mWh
	20:51:22	Active	AC	54 %	mWh
	20:55:16	Connected standby	AC	55 %	mWh
	21:22:02	Active	AC	68 %	mWh
	21:26:53	Connected standby	AC	69 %	mWh
	22:33:05	Active	AC	93 %	mWh
	22:33:20	Active	Battery	94 %	mWh
	23:16:04	Connected standby	Battery	83 %	mWh
	23:16:54	Active	Battery	83 %	mWh
	23:29:00	Suspended		80 %	mWh
	23:31:06	Active	Battery	80 %	mWh
	23:34:05	Connected standby	Battery	79 %	mWh
	23:34:06	Suspended		79 %	mWh
	23:35:22	Connected standby	Battery	79 %	mWh
	23:35:22	Active	Battery	79 %	mWh
	23:36:50	Connected standby	Battery	78 %	mWh
	23:38:13	Active	Battery	78 %	mWh
	23:48:11	Connected standby	Battery	76 %	mWh
2015-08-21	03:49:06	Suspended		75 %	mWh
	10:45:32	Connected standby	Battery	75 %	mWh
	10:45:32	Active	Battery	75 %	mWh
	10:45:32	Connected standby	Battery	75 %	mWh
	10:46:28	Active	Battery	75 %	mWh
	11:17:08	Connected standby	Battery	67 %	mWh
	11:17:10	Active	Battery	67 %	mWh
	11:18:08	Connected standby	Battery	67 %	mWh
	12:17:18	Active	Battery	66 %	mWh
	13:01:21	Connected standby	Battery	57 %	mWh
	13:02:44	Active	Battery	57 %	mWh
	13:06:15	Connected standby	Battery	56 %	mWh
	13:09:07	Active	Battery	56 %	mWh
	13:17:46	Connected standby	Battery	54 %	mWh
	14:47:44	Active	Battery	53 %	mWh
	15:08:27	Connected standby	Battery	47 %	mWh
	15:17:45	Active	Battery	47 %	mWh
	16:27:08	Active	AC	27 %	mWh
	16:27:19	Connected standby	AC	27 %	mWh
	16:49:47	Active	AC	38 %	mWh
	16:53:30	Connected standby	AC	39 %	mWh
	17:01:38	Active	AC	43 %	mWh
	17:01:47	Connected standby	AC	43 %	mWh
	17:06:42	Connected standby	Battery	45 %	mWh
	17:06:42	Active	Battery	45 %	mWh
	17:13:00	Connected standby	Battery	43 %	mWh
	17:13:02	Active	Battery	43 %	mWh

	17:57:29	Connected standby	Battery	33 %	mWh
	18:00:50	Active	Battery	33 %	mWh
	18:24:07	Connected standby	Battery	28 %	mWh
	18:24:12	Active	Battery	28 %	mWh
	18:46:57	Active	AC	25 %	mWh
	18:47:23	Connected standby	AC	25 %	mWh
	18:56:50	Connected standby	Battery	29 %	mWh
	18:56:50	Active	Battery	29 %	mWh
	18:56:56	Connected standby	Battery	29 %	mWh
	18:57:08	Active	Battery	29 %	mWh
	19:01:33	Connected standby	Battery	28 %	mWh
	19:01:34	Active	Battery	28 %	mWh
	19:06:44	Connected standby	Battery	27 %	mWh
	19:06:46	Active	Battery	27 %	mWh
	19:11:46	Connected standby	Battery	26 %	mWh
	19:47:41	Active	Battery	25 %	mWh
	19:48:54	Active	AC	25 %	mWh
	20:08:59	Connected standby	AC	31 %	mWh
	20:09:02	Active	AC	31 %	mWh
	20:28:58	Connected standby	AC	37 %	mWh
	21:00:36	Active	AC	52 %	mWh
	21:13:45	Active	Battery	56 %	mWh
	21:20:48	Connected standby	Battery	55 %	mWh
	21:26:03	Active	Battery	55 %	mWh
	21:30:05	Connected standby	Battery	54 %	mWh
	21:30:08	Active	Battery	54 %	mWh
	21:30:34	Connected standby	Battery	54 %	mWh
	21:30:35	Suspended		54 %	mWh
	21:31:48	Active	Battery	54 %	mWh
	21:31:48	Suspended		54 %	mWh
	21:32:52	Active	Battery	53 %	mWh
	21:44:49	Connected standby	Battery	51 %	mWh
	21:45:43	Active	Battery	51 %	mWh
	21:59:00	Suspended		48 %	mWh
	22:01:31	Active	Battery	48 %	mWh
	22:19:06	Connected standby	Battery	43 %	mWh
	22:21:05	Active	Battery	43 %	mWh
	22:51:32	Connected standby	Battery	37 %	mWh
	23:01:41	Active	Battery	37 %	mWh
	23:04:33	Active	AC	36 %	mWh
	23:08:14	Connected standby	AC	38 %	mWh
2015-08-22	01:00:15	Active	AC	91 %	mWh
	01:13:07	Connected standby	AC	94 %	mWh
	01:13:17	Connected standby	Battery	94 %	mWh
	01:13:18	Active	Battery	94 %	mWh
	01:13:24	Connected standby	Battery	94 %	mWh
	05:14:16	Suspended		93 %	mWh
	09:03:08	Connected standby	Battery	93 %	mWh
	09:03:08	Active	Battery	93 %	mWh
	09:03:08	Connected standby	Battery	93 %	mWh
	09:03:21	Active	Battery	93 %	mWh
	09:14:37	Connected standby	Battery	91 %	mWh
	09:14:54	Active	Battery	91 %	mWh
	09:21:10	Active	AC	89 %	mWh
	09:21:17	Connected standby	AC	89 %	mWh

09:40:29	Active	AC	95 %	mWh
09:40:45	Active	Battery	95 %	mWh
09:40:59	Active	AC	95 %	mWh
09:56:16	Connected standby	AC	97 %	mWh
10:06:18	Active	AC	99 %	mWh
10:20:00	Suspended		99 %	mWh
10:22:30	Active	Battery	99 %	mWh
10:25:42	Connected standby	Battery	99 %	mWh
10:32:09	Active	Battery	99 %	mWh
10:40:14	Connected standby	Battery	98 %	mWh
10:44:25	Active	Battery	97 %	mWh
11:12:46	Connected standby	Battery	94 %	mWh
11:32:41	Active	Battery	94 %	mWh
11:57:07	Connected standby	Battery	88 %	mWh
13:22:24	Active	Battery	88 %	mWh
13:30:00	Suspended		85 %	mWh
13:32:39	Active	Battery	85 %	mWh
14:19:00	Report generated	Battery	73 %	mWh

Battery usage

Battery drains over the last 3 days



START TIME	STATE	DURATION	ENERGY DRAINED	
2015-08-19 14:44:50	Active	1:01:45	16 %	mWh
15:46:36	Connected standby	0:00:00	-	-
15:46:36	Active	0:12:23	3 %	mWh
18:47:18	Active	0:03:42	1 %	mWh
22:48:11	Active	0:03:45	-	-
23:02:00	Active	0:00:37	-	-
23:09:08	Active	0:21:25	4 %	mWh
23:30:33	Connected standby	4:00:00	4 %	mWh
09:41:46	Active	0:05:04	1 %	mWh
09:46:50	Connected standby	1:14:15	1 %	mWh
11:01:06	Active	0:00:16	-	mWh
11:01:23	Connected standby	0:00:01	-	-

11:01:25	Active	0:21:58	5 %	mWh
13:01:27	Active	0:04:31	1 %	mWh
13:32:35	Active	0:50:01	16 %	mWh
14:22:36	Connected standby	0:11:00	-	mWh
14:33:36	Active	0:10:01	2 %	mWh
14:43:38	Connected standby	0:48:15	-	mWh
15:31:53	Active	0:02:17	1 %	mWh
15:34:11	Connected standby	0:00:53	-	mWh
15:35:05	Active	0:01:50	-	mWh
15:36:55	Connected standby	0:00:05	-	mWh
15:37:00	Active	0:00:21	-	mWh
15:37:22	Connected standby	0:27:35	-	mWh
16:04:57	Active	0:04:40	1 %	mWh
16:09:37	Connected standby	1:08:29	-	mWh
17:18:07	Active	0:00:30	-	mWh
17:18:38	Connected standby	0:20:55	-	mWh
17:39:33	Active	0:07:06	1 %	mWh
17:46:40	Connected standby	0:10:24	-	mWh
17:57:05	Active	0:08:10	1 %	mWh
18:05:15	Connected standby	0:05:57	-	mWh
18:11:13	Active	0:10:00	2 %	mWh
18:21:13	Connected standby	0:13:11	-	mWh
18:34:25	Active	0:57:29	15 %	mWh
19:31:55	Connected standby	0:55:56	-	mWh
20:27:52	Active	0:19:06	5 %	mWh
20:46:58	Connected standby	0:00:00	-	-
20:46:59	Active	0:00:14	-	mWh
20:47:14	Connected standby	0:00:00	-	-
20:48:42	Active	0:00:59	-	mWh
22:33:20	Active	0:42:44	10 %	mWh
23:16:04	Connected standby	0:00:50	-	mWh
23:16:54	Active	0:12:05	3 %	mWh
23:31:06	Active	0:02:59	1 %	mWh
23:34:05	Connected standby	0:00:00	-	-
23:35:22	Connected standby	0:00:00	-	-
23:35:22	Active	0:01:28	1 %	mWh
23:36:50	Connected standby	0:01:23	-	mWh
23:38:13	Active	0:09:57	2 %	mWh
23:48:11	Connected standby	4:00:55	1 %	mWh
10:45:32	Connected standby	0:00:00	-	-
10:45:32	Active	0:00:00	-	-
10:45:32	Connected standby	0:00:55	-	mWh
10:46:28	Active	0:30:40	8 %	mWh
11:17:08	Connected standby	0:00:02	-	-
11:17:10	Active	0:00:57	-	mWh
11:18:08	Connected standby	0:59:09	-	mWh
12:17:18	Active	0:44:03	10 %	mWh
13:01:21	Connected standby	0:01:23	-	mWh
13:02:44	Active	0:03:31	1 %	mWh
13:06:15	Connected standby	0:02:51	-	mWh
13:09:07	Active	0:08:39	2 %	mWh
13:17:46	Connected standby	1:29:57	-	mWh
14:47:44	Active	0:20:42	6 %	mWh

15:08:27	Connected standby	0:09:18	-	mWh
15:17:45	Active	1:09:22	20 %	mWh
17:06:42	Connected standby	0:00:00	-	-
17:06:42	Active	0:06:17	2 %	mWh
17:13:00	Connected standby	0:00:01	-	-
17:13:02	Active	0:44:27	11 %	mWh
17:57:29	Connected standby	0:03:20	-	mWh
18:00:50	Active	0:23:17	4 %	mWh
18:24:07	Connected standby	0:00:04	-	-
18:24:12	Active	0:22:44	4 %	mWh
18:56:50	Connected standby	0:00:00	-	-
18:56:50	Active	0:00:05	-	mWh
18:56:56	Connected standby	0:00:12	-	mWh
18:57:08	Active	0:04:24	1 %	mWh
19:01:33	Connected standby	0:00:01	-	-
19:01:34	Active	0:05:09	1 %	mWh
19:06:44	Connected standby	0:00:01	-	-
19:06:46	Active	0:05:00	1 %	mWh
19:11:46	Connected standby	0:35:54	-	mWh
19:47:41	Active	0:01:13	-	mWh
21:13:45	Active	0:07:03	1 %	mWh
21:20:48	Connected standby	0:05:15	-	mWh
21:26:03	Active	0:04:02	1 %	mWh
21:30:05	Connected standby	0:00:02	-	-
21:30:08	Active	0:00:26	-	mWh
21:30:34	Connected standby	0:00:00	-	-
21:31:48	Active	0:00:00	-	-
21:32:52	Active	0:11:57	3 %	mWh
21:44:49	Connected standby	0:00:53	-	mWh
21:45:43	Active	0:13:16	2 %	mWh
22:01:31	Active	0:17:34	5 %	mWh
22:19:06	Connected standby	0:01:58	-	mWh
22:21:05	Active	0:30:27	6 %	mWh
22:51:32	Connected standby	0:10:08	-	mWh
23:01:41	Active	0:02:51	1 %	mWh
01:13:17	Connected standby	0:00:00	-	-
01:13:18	Active	0:00:05	-	mWh
01:13:24	Connected standby	4:00:52	1 %	mWh
09:03:08	Connected standby	0:00:00	-	-
09:03:08	Active	0:00:00	-	-
09:03:08	Connected standby	0:00:13	-	mWh
09:03:21	Active	0:11:16	2 %	mWh
09:14:37	Connected standby	0:00:16	-	mWh
09:14:54	Active	0:06:15	1 %	mWh
09:40:45	Active	0:00:14	-	mWh
10:22:30	Active	0:03:12	1 %	mWh
10:25:42	Connected standby	0:06:26	-	mWh
10:32:09	Active	0:08:05	1 %	mWh
10:40:14	Connected standby	0:04:10	-	mWh
10:44:25	Active	0:28:20	4 %	mWh
11:12:46	Connected standby	0:19:54	-	mWh

11:32:41	Active	0:24:26	6 %	mWh
11:57:07	Connected standby	1:25:16	-	mWh
13:22:24	Active	0:07:35	2 %	mWh
13:32:39	Active	0:46:20	11 %	mWh

## Usage history

History of system usage on AC and battery

PERIOD	BATTERY DURATION		AC DURATION	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2015-08-18	4:34:15	3:42:29	0:53:00	3:37:28
2015-08-19	5:24:32	4:59:56	3:02:43	3:56:10
2015-08-20	4:33:42	9:21:24	1:13:42	2:28:53
2015-08-21	6:18:02	7:30:25	1:01:15	2:08:20

## Battery capacity history

Charge capacity history of the system's batteries

PERIOD	FULL CHARGE CAPACITY	DESIGN CAPACITY
2015-08-18	mWh	mWh
2015-08-19	mWh	mWh
2015-08-20	mWh	mWh
2015-08-21	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
2015-08-18	3:55:05	57:09:43 28 % / 16 h	3:58:28	57:58:53 28 % / 16 h
2015-08-19	6:15:12	73:09:03 22 % / 16 h	6:20:50	74:14:49 22 % / 16 h
2015-08-20	6:38:25	128:49:05 12 % / 16 h	6:43:41	130:31:14 12 % / 16 h
2015-08-21	7:03:13	328:10:14 5 % / 16 h	7:10:15	333:37:30 5 % / 16 h

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

Since OS install	5:47:12	112:03:47 14 % / 16 h	5:51:23	113:24:38 14 % / 16 h
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