

Battery report

COMPUTER NAME	
SYSTEM PRODUCT NAME	Microsoft Corporation Surface Laptop Studio
BIOS	32.102.143 11/07/2025
OS BUILD	26100.1.amd64fre.ge_release.240331-1435
PLATFORM ROLE	Mobile
CONNECTED STANDBY	Supported
REPORT TIME	2026-01-31 14:09:47

Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	SurfaceBattery
MANUFACTURER	SMP
SERIAL NUMBER	2001821032
CHEMISTRY	LION
DESIGN CAPACITY	55,000 mWh
FULL CHARGE CAPACITY	55,100 mWh
CYCLE COUNT	2

Recent usage

Power states over the last 7 days

START TIME	STATE	SOURCE	CAPACITY REMAINING	
2026-01-30 10:19:14	Active	AC	55 %	30,410 mWh
10:26:00	Suspended		55 %	30,570 mWh
10:27:53	Active	AC	55 %	30,620 mWh
11:44:01	Active	Battery	59 %	32,480 mWh
11:44:09	Active	AC	59 %	32,400 mWh
12:16:53	Active	Battery	61 %	33,770 mWh
12:16:59	Active	AC	61 %	33,720 mWh
12:20:00	Suspended		61 %	33,810 mWh
12:45:03	Active	Battery	59 %	32,540 mWh
12:45:26	Active	AC	58 %	32,290 mWh
12:49:34	Battery changed	AC	-	-
12:49:34	Suspended		-	-
12:55:42	Battery changed	Battery	58 %	32,160 mWh
12:55:42	Active	Battery	58 %	32,160 mWh
12:56:45	Active	AC	57 %	31,660 mWh
12:59:05	Active	Battery	57 %	31,690 mWh
12:59:07	Active	AC	57 %	31,680 mWh
13:06:20	Active	Battery	57 %	31,800 mWh
13:06:27	Active	AC	57 %	31,770 mWh
13:16:18	Connected standby	AC	58 %	31,950 mWh
14:00:31	Active	AC	58 %	32,010 mWh

	START TIME	STATE	SOURCE	CAPACITY REMAINING	
	14:02:00	Suspended		58 %	31,980 mWh
	14:02:56	Active	AC	58 %	31,940 mWh
	14:02:56	Suspended		58 %	31,940 mWh
	14:09:38	Active	AC	58 %	31,950 mWh
	14:18:26	Connected standby	AC	58 %	31,990 mWh
	14:18:38	Connected standby	Battery	58 %	31,970 mWh
	14:31:15	Suspended		57 %	31,820 mWh
	19:49:51	Connected standby	Battery	54 %	29,740 mWh
	19:50:26	Active	Battery	54 %	29,650 mWh
	19:50:26	Active	AC	54 %	29,650 mWh
	19:55:50	Active	Battery	52 %	28,790 mWh
	19:56:00	Active	AC	52 %	28,750 mWh
	20:00:50	Battery changed	AC	-	-
	20:00:50	Suspended		-	-
	20:02:03	Active	AC	-	-
	20:03:06	Battery changed	AC	51 %	28,130 mWh
	20:03:06	Active	AC	51 %	28,130 mWh
	20:03:07	Suspended		51 %	28,130 mWh
	20:29:44	Active	AC	50 %	27,430 mWh
	20:31:08	Active	Battery	50 %	27,430 mWh
	20:31:30	Active	AC	49 %	27,330 mWh
	20:32:09	Active	Battery	49 %	27,320 mWh
	21:14:28	Connected standby	Battery	32 %	17,690 mWh
	21:14:29	Active	Battery	32 %	17,680 mWh
	22:16:28	Active	AC	6 %	3,380 mWh
	22:19:37	Active	Battery	7 %	3,900 mWh
	22:25:27	Connected standby	Battery	6 %	3,310 mWh
	22:27:00	Active	Battery	6 %	3,220 mWh
	22:34:04	Suspended		3 %	1,930 mWh
	22:36:37	Battery changed	Battery	3 %	1,600 mWh
	22:36:37	Connected standby	Battery	3 %	1,600 mWh
	22:36:37	Suspended		3 %	1,600 mWh
	22:37:48	Active	AC	3 %	1,850 mWh
	22:40:07	Active	Battery	4 %	2,350 mWh
	22:40:19	Active	AC	4 %	2,250 mWh
	22:46:20	Active	Battery	4 %	2,300 mWh
	22:47:27	Connected standby	Battery	3 %	1,940 mWh
	22:47:27	Suspended		3 %	1,940 mWh
2026-01-31	09:14:27	Battery changed	AC	-	-
	09:14:27	Active	AC	-	-
	09:16:41	Connected standby	AC	-	-
	09:18:17	Active	AC	-	-
	09:26:32	Battery changed	AC	-	-
	09:26:32	Active	AC	-	-
	09:29:42	Suspended		-	-
	09:44:53	Connected standby	AC	1 %	280 mWh
	09:56:31	Active	AC	4 %	2,420 mWh
	09:57:46	Active	Battery	5 %	2,620 mWh
	09:57:49	Active	AC	5 %	2,600 mWh
	09:58:56	Connected standby	AC	5 %	2,800 mWh
	12:19:00	Active	AC	47 %	25,650 mWh
	12:19:08	Connected standby	AC	47 %	25,670 mWh
	13:17:45	Suspended		49 %	27,220 mWh
	13:41:01	Active	AC	49 %	26,790 mWh

START TIME	STATE	SOURCE	CAPACITY REMAINING	
14:09:47	Report generated	AC	48 %	26,320 mWh

Battery usage

Battery drains over the last 7 days



START TIME	STATE	DURATION	ENERGY DRAINED	
2026-01-30 11:44:01	Active	0:00:08	-	80 mWh
12:16:53	Active	0:00:05	-	50 mWh
12:45:03	Active	0:00:22	-	250 mWh
12:55:42	Active	0:01:02	1 %	500 mWh
12:59:05	Active	0:00:02	-	10 mWh
13:06:20	Active	0:00:06	-	30 mWh
14:18:38	Connected standby	0:12:37	-	150 mWh
19:49:51	Connected standby	0:00:35	-	90 mWh
19:50:26	Active	0:00:00	-	-
19:55:50	Active	0:00:09	-	40 mWh
20:31:08	Active	0:00:21	-	100 mWh
20:32:09	Active	0:42:19	17 %	9,630 mWh
21:14:28	Connected standby	0:00:01	-	10 mWh
21:14:29	Active	1:01:59	26 %	14,300 mWh
22:19:37	Active	0:05:50	1 %	590 mWh
22:25:27	Connected standby	0:01:32	-	90 mWh
22:27:00	Active	0:07:04	2 %	1,290 mWh
22:36:37	Connected standby	0:00:00	-	-
22:40:07	Active	0:00:12	-	100 mWh
22:46:20	Active	0:01:06	1 %	360 mWh
22:47:27	Connected standby	0:00:00	-	-
09:57:46	Active	0:00:02	-	20 mWh

Usage history

History of system usage on AC and battery

PERIOD	BATTERY DURATION		AC DURATION	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2026-01-30	2:00:42	0:14:44	2:57:04	0:44:20

Battery capacity history

Charge capacity history of the system's batteries

PERIOD	FULL CHARGE CAPACITY	DESIGN CAPACITY
2026-01-30	55,263 mWh	54,909 mWh

Battery life estimates

Battery life estimates based on observed drains

PERIOD	AT FULL CHARGE		AT DESIGN CAPACITY	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2026-01-30	4:04:03	39:54:43 40 % / 16 h	4:02:29	39:39:23 40 % / 16 h

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

Since OS install	4:03:20	39:47:40 40 % / 16 h	4:02:54	39:43:20 40 % / 16 h
------------------	---------	-------------------------	---------	-------------------------