

Hardware Lifecycle Management Metrics



Akamai remains committed to doing our part to address the worldwide waste crisis by partnering with e-Stewards–certified facilities to ensure 100% of our global e-waste is recycled or reused whenever possible. In addition to our conscious recycling practices, Akamai takes our security practices seriously. We require certification that every piece of recycled hardware that contains data meets or exceeds HIPAA, Sarbanes–Oxley, Department of Defense 5220.22-M, and NIST 800-88 data security and destruction standards. Including the hundreds of thousands of servers located in more than 130 countries worldwide, as well as equipment from our offices, we are processing more than 60,000 pieces of e-waste annually with responsible partners.

E-waste recycled by classification and year

Material	2023	2022	2021	2020	2019	2018
AC Adapter	15	76	53	257	83	242
Battery	12	86	–	316	50	100
Board Scrap	–	–	–	108	4	–
Cable/Cord/Wire	208	186	290	1,817	–	3,074
Camera, Web/Network	434	666	24	22	6	–
Chassis	–	–	–	2,361	32	–
CRT Monitor	–	–	40	7	39	40
Desktop	7,425	1,997	190	2,401	310	3,452
Docking Station	66	–	–	14	4	48
Flat-Panel Monitor	0	90	30	975	151	5,163
Hard Drive	40,257	169,080	16,336	7,077	46,278	26,222
Keyboard/Mouse	–	–	–	187	104	201
LCD Monitor (whole and scrap)	23,039	4,243	–	4,555	377	446
Miscellaneous	52,976	32,300	68,713	10,905	18,500	6,784
Networking	12,516	22,554	94,255	14,756	17,155	8,011
Notebook	10,643	5,046	323	3,421	365	4,689
Printer/Scanner/Fax	1,615	982	36	609	85	3,731
Projector	94	74	–	55	31	158
Rack/Cabinet	42,259	225,331	38,584	58,514	10,543	2,843
Server	426,115	895,845	891,475	498,269	556,624	648,595
Storage	2,633	3,412	68,722	6,749	215	585
Switch	5,149	6,900	866	2,297	570	–
Tablet	77	20	–	21	4	17
Telephone	2,051	4,337	40	564	301	169
Toner	210	–	–	17	3	96
Uninterruptible Power Supply	1,156	788	235	830	45	1,528
Grand Total (in Lbs)	628,950	1,171,213	1,180,212	617,104	651,879	716,194
Metric Tons of E-Waste Recycled (Converted)	285.29	950.28	535	279.87	295.64	324.8

Components repurposed

To improve our supply chain circularity, Akamai works with e-wasting partners to identify and process hardware components across our global footprint that are retired or otherwise destined for scrap recycling. Our partners process and test the components and successfully repurpose a percentage of the components back into Akamai’s inventory, which saves money and reduces our environmental impact.

2023 Drive Recovery	US	EU	India	Global
HDDs and SSDs Processed	4,810	35	1,044	5,889
HDDs and SSDs Repurposed	3,151	6	968	4,125
Percent Recovery of Drives	65.5%	17.1%	92.7%	70.1%
Greenhouse Gas Emissions Avoided (Lbs)	2,544.22	691.16	2,230.93	5,466.31

HDDs denotes hard disk drives; SSDs denotes solid state drives

2023 Motherboard Repair	US	EU	India	Brazil	Global
Motherboards Repaired	160	7	39	27	233
Greenhouse Gas Emissions Avoided (Lbs)	–	–	–	–	12,901.05