

ELECTRONICS DEVICE CATEGORIZATION SHEET

Device Type	Electronic Category	Critical Materials	Average Weight in KG/unit *Sourced UNU-Keys
Computers	Desktop Personal Computer		6.26
	Laptop		1.35
	Game Consoles		1.62
Portable Audio & Video	MP3, e-readers, car navigation		0.23
Mobile Cellular Device	Mobile Phones (incl. smartphones, pagers)		0.08
Audio Device	Headphones, remote controls		0.39
	Portable Audio Devices		0.39
	Speakers		2.14
	Musical Instruments, Radio, Hi-Fi		3.73
Displays and Monitors	Flat-Panel Display TVs (LCD, LED, Plasma)		14.68
	Flat-Panel Display Monitors (LCD, LED)		8.20
	Cathode Ray Tube Monitors		22.00
	Cathode Ray Tube TVs (whole units)		33.20
	iPads, display panels		
Computer Peripherals	Mice, keyboards		0.40
Small IT Equipment	Accessories, wearables		0.4
Video Devices	Recorder, camcorder, set-up boxes, Cameras (e.g. camcorders, photo & digital still cameras)		0.29
	DVD, Blue-Ray, VHS or Other Player, projectors, other video		2.5
Household Medical Equipment	Thermometers, digital blood pressure monitors, CPAP, nebulizer, etc.		0.18

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Professional Medical equipment	Hospital equipment, CT scanners, ultrasounds, ventilators, anesthesia machines, blood pressure monitors, ECG machines, lab analyzers, etc.		67.04
Household Monitoring & Control Equipment	Smoke alarms, thermostats, doorbells, garage door opening,		0.24
Professional Monitoring & Control Equipment	Electrical panel, lab equipment, etc		5.51
Components of Electronics	RAM		
	CPU		
	Graphics Cards		
	Battery		
	Screen/Display		
	Printed Circuit Boards		
	Flex Cables		
	HDDs		0.4
	SSDs		0.4
	Power Supplies		
	Chargers		
Photovoltaic Panels	Photovoltaic Panels		22.77
Printer Devices	Printers (e.g. scanners,		12.79
	Scanner		
	Copier		12.79
	Fax Machine		
	Printer		12.79
Multifunctional printer (MFP) or all-in-one (AIO)	Free standing printer (all-in-one)		
Servers	Web servers		38.75
	Database servers		38.75
	Mail servers		38.75
	Application servers		38.75
	DNS servers		38.75

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Industrial Telecommunications Equipment/Networking Equipment	Routers & switches		38.75
	Gateways & modems		
	Fiber optic systems		
	Network Bridges, Wireless Action Points		
	Network attached storage devises, NICs, Network Cables, Modems		
	Satellite communication gear		
Industrial Electronics	Semiconductors		
	Power modules		
	Transducers/sensors		
	Meters & intelligent electronic devices		
	Capacitors		
	Base stations		11.46
	Satellite dishes		11.46
	Industrial switches		11.46
Commodities/scrap	Aluminum		
Commodities/scrap	Batteries	Lanthanum (niMH), Praseodymium (nMH), Lithium, Cobalt, Natural Graphite, Nickel, Manganese	
Commodities/scrap	Copper		
Commodities/scrap	CRT glass	Europium, Cerium, Lanthanum, Yttrium	
Commodities/scrap	Ferrous		
Commodities/scrap	Flat-panel glass	Indium	
Commodities/scrap	Glass-other		
Commodities/scrap	Metals-other		
Commodities/scrap	Others		
Commodities/scrap	Plastics		

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Commodities/scrap	Printed circuit boards and related electronics	Palladium, Platinum, Gallium, Germanium, Indium, Tantalum, Beryllium, Antimony, Tungsten, Neodymium (HDDs), Dysprosium (HDDs), Praseodymium (HDDs)	
Commodities/scrap	Secondary Precious Metals	Osmium, Rhenium, Iridium, Ruthenium	
Rare Earth	Rare Earth	Neodymium, Dysprosium, Praseodymium, Terbium, Lanthanum	