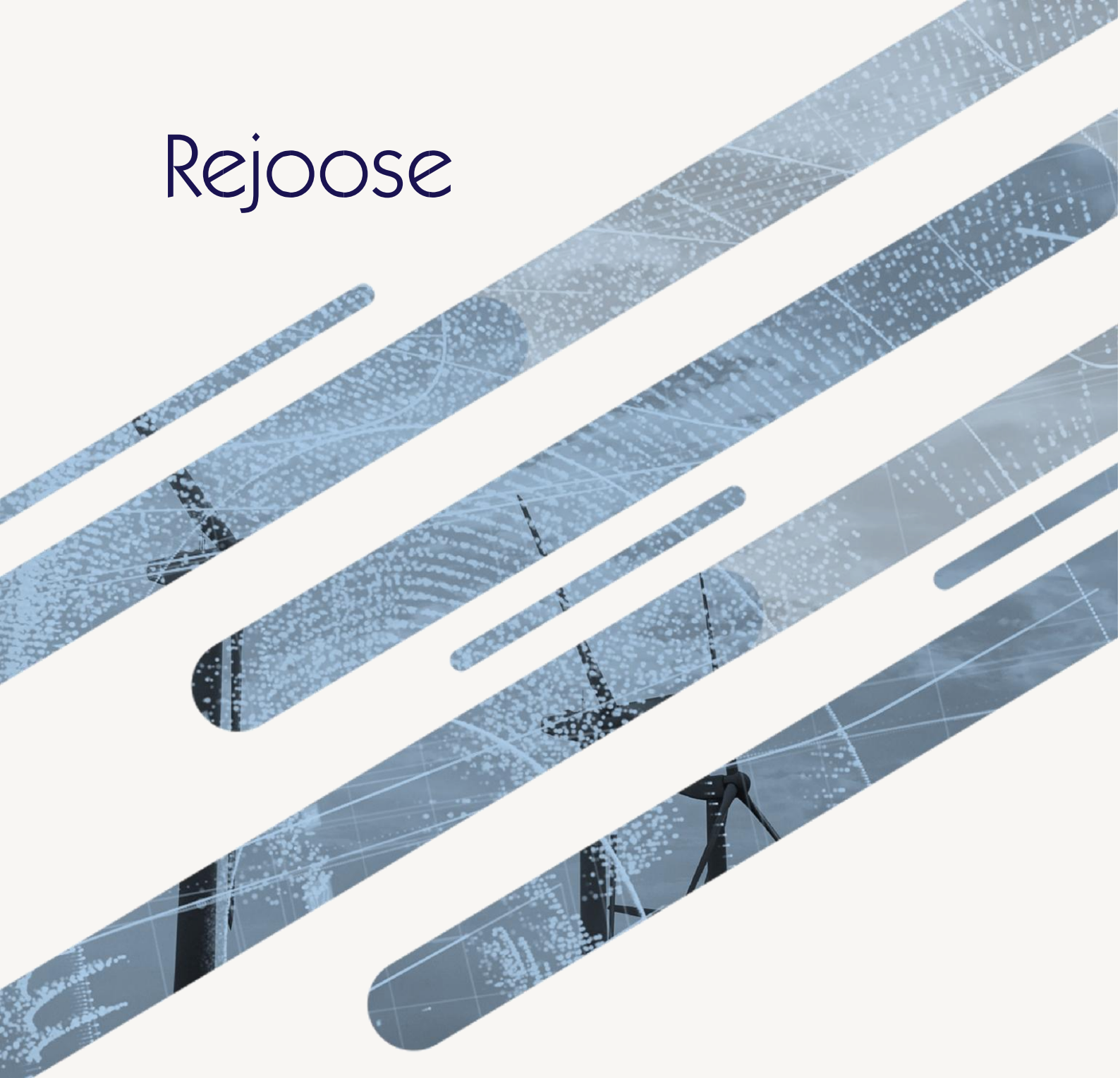


Rejoose



WHITE PAPER – DATA METHOD DESCRIPTIONS

Data for carbon accounting purposes

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Obligated by law, demand & the future.

Rejoose Data Methods

Introduction

This white paper provides definitions to data methods used by Rejoose.

The following defines how to differentiate between the 4 current data methods used by Rejoose. As a base, the Category average data method is used due to recommendations from the GHG protocol, but the decision will be yours to make – which data method is preferred, and each data set will be 'tagged' with the method used.

https://ghgprotocol.org/sites/default/files/standards_supporting/Chapter1.pdf

Motivation

Ability to make distinctions between different types of data and underlying calculation principals are relevant in numerous user scenarios.

- Auditing purposes
- Foundation for further calculations
- Reader comprehension
- Due diligence
- Comparison
- Etc.

Delimitation

This White paper contains examples for each method/definition, and a short text to explain the methodology by which data has been derived/calculated. This is done to specify the Rejoose terminology and avoid any potential misconceptions or fact distortion due to misunderstandings or indistinctness.

Disclaimer

Rejoose provides carbon emissions data for carbon accounting purposes.

We align with manufacturers to ensure the correct use of their Product Carbon Footprint (PCF) data. PCF values follow manufacturer-specific methodologies and may not be directly comparable across brands.

When using Manufacturer-Specific (MS) data, refer to the original manufacturer documentation. For Category Average (CA) and Configurable Average (CA+) data, Rejoose follows GHG Protocol guidelines. For further guidance, consult Rejoose whitepapers and your preferred carbon accounting firm.

Rejoose assumes no liability for misuse or misinterpretation of PCF figures.

Data for all methods are always including the 4 phases of IT product:

Phase	GHG Scope
- Manufacturing	Scope 3
- Transportation	Scope 3
- Use-phase	Scope 2
- End of life	Scope 3

Scope 3 calculated per phase and with the given per attribute(s).

Heres' an example from defining a CA+ LCA data set for tablets:

$$Tablet_{Screen\ size} \times Embodied_{GWP/Inch} + Tablet_{Storage} \times Allocation_{GWP/GB} + Tablet_{Use\ phase}$$

Repeated for each phase, manufacturing, Transportation, End of Life

The average emissions for storage are derived from Apple PFC reports by analyzing the increase in emissions between low-capacity and high-capacity models. The Scope 3 emissions are calculated as 0.057 kg CO₂e per GB and 9.4 kg CO₂e per inch.

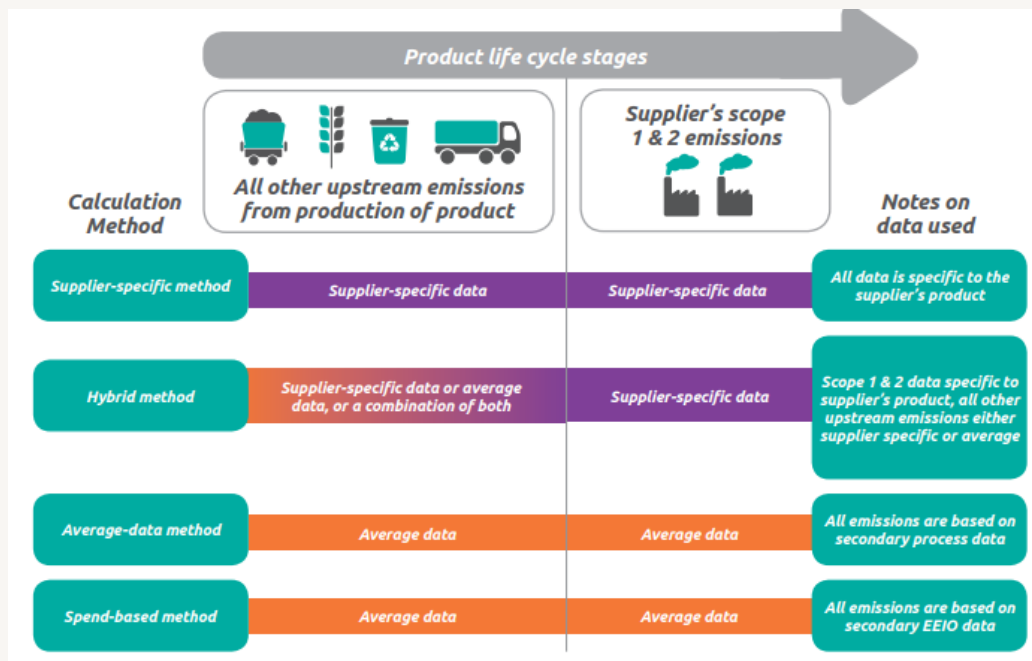
Model	Size [inches]	Storage [GB]	EF[kg CO2eq/kWh]	Energy [kWh]	Scope 3 [kg CO2eq]	Scope 2 [kg CO2eq]	Total [kg CO2eq]
iPad Pro	11	1024	0.103	11.74	161.77	3.63	165.40
iPad Air	13	1024	0.103	13.4	180.57	4.14	184.71
Surface Go 3	10.5	64	0.103	13.45	102.35	4.16	106.50
Tab Lenovo Plus	11.5	128	0.103	5.12	115.40	1.58	116.98
Galaxy Tab S9	11	128	0.103	15.01	110.70	4.64	115.33

The results are based on a 3-year usage phase.

Rejoose can deliver even more specific data, as data for e.g. Use-phase is both country and customer use case specific. As well as the possibility to utilize refurbishment for End-of-life, instead of traditional recycle.

All general data is tagged with date stamps, and data will be used to define Category averages within the same year. So, CA data can be changing, as more units are coming to the market with data hence changing the Category average – but within Rejoose we make sure the category averages is calculated on models from the same period (year).

Please refer to GHG protocol Chapter 1 for information on below data methods. With the current data sets, Rejoose can support all but the Spend based method. The reason for not supporting spend-based, is that we want to promote the customers to transition into activity based reporting.



Source: https://ghgprotocol.org/sites/default/files/standards_supporting/Chapter1.pdf

Disadvantages of the Spend-Based Method

- Might generate data that do not accurately reflect a company's specific activities.
- Does not account for operational changes and investments made to reduce emissions.
- Could be challenging when quantifying emission reductions from specific actions.
- May limit the ability to track progress towards emission reduction targets due to its inherent lack of precision.

Spend based is great when you don't have access to more specific data. However, it will also mean that if the company invests more in a more efficient and climate-friendly solution, it will show the exact opposite when it comes to spend based carbon emissions. Higher price = higher emissions.

So, both companies and their suppliers will benefit from transitioning to an activity-based method. Both data and the automated solution to do this is already here.

Data category descriptions and examples

- **MS** - Manufacturer Specific Data (GHG reference: Average-data method or Hybrid data method.)
 - Description: Manufacturer specific data refers to the instances where a manufacturer/brand of a certain product or service provides an Environmental Product Description (EPD) that addresses a unique product ID with Carbon calculations based on a product or service unique set of characteristics, material composition and processing.
 - The Manufacturing entity is the named- and official publisher of the EPD for the dataset to be characterized as Manufacture Specific Data in the Rejoose terminology.
 - Rejoose will utilize the manufacturer data for all Scope 3 phases, and for scope 2 Use-phase, instead the country and company specific data is added.

- **CA+** - Category Average data with attributes (GHG reference: Average-data method)
 - CA+ is next level vs. standard CA, as each product has unique specs, and the primary factors of climate impact in these specs, will be utilized to make a more product relevant set of climate data.
 - Description: If a product category (e.g Tablet) has a **CA** Carbon-footprint of X kg CO₂e, Rejoose will add attributes to further refine the average data of the products carbon-footprint. For Tablets, the screen is a primary part of the carbon impact as well of the SSD capacity – which means Rejoose will use the Screen size and GB SSD capacity as attributes for CA+ for the tablets Category.
 - Example: A small laptop have a 13" screen and 256GB SSD, has a category average Carbon footprint of X kg CO₂e. Another laptop B with a 12" screen and 512GB SSD, will then have a different carbon footprint. So there will be a base part which is the same, and a correcting factor E.g. being the screen size and SSD capacity, which changes the data.

$$Tablet_{Screen\ size} \times Embodied_{GWP/Inch} + Tablet_{Storage} \times Allocation_{GWP/GB} + Tablet_{Use\ phase}$$

Repeated for each phase, manufacturing, Transportation, End of Life

- The use phase of the products is handled and added separately according to use country and use pattern of the end-customer.
- **CA** - Category Average data (GHG reference: Average-data method)
 - Description: Rejoose collects data from all brands, and segment data into categories and subcategories. The data average across brands, within each category, for the given production year, will then be used to define the Category Average data.
 - If a product category (e.g small laptops) has been assessed to have a Carbon-footprint of X kg CO₂e via average from all products within this category – all laptops within this category will be labeled with a Carbon-footprint of X kg CO₂e.
 - The use phase of the products is handled and added separately according to use country and use pattern of the end-customer.
- **PS** – Product specific data (GHG reference: Supplier-specific method)
 - Description: Product specific data refers to the instances where a supplier/vendor of a certain product or service provides an Environmental Product Description (EPD) that has been produced by a 3rd party. (Typically, an expert consultancy company). The 3rd party EPD addresses a unique product ID with CO₂ calculations based on a product or service unique set of characteristics, material composition and processing.
 - The 3rd party entity is the named- and official publisher of the EPD for the dataset to be characterized as Manufacture Specific Data in the Rejoose terminology.
 - The use phase of the products is handled and added separately according to use country and use pattern of the end-customer.

As reporting company, you can choose to utilize more than one method for reporting. If you combine 1 or more methods, you are using the hybrid method as defined on Page 21.

Due to below facts stated by GHG protocol, we support all activity-based methods, and we let the supplier and customer decide which methods is the best match.

The difference between data specificity and data accuracy

"In fact, data collected from a supplier may actually be less accurate than industry-average data for a particular product."

Source: <https://ghgprotocol.org/sites/default/files/2022-12/Chapter1.pdf> page 22

Data validation

Data Methodology: Ensuring Consistency, Quality, and Value

At Rejoose, our mission is to enable partners and companies to transition to high-quality, activity-based carbon data for informed decision-making. We collaborate closely with manufacturers, leveraging their data and enriching it with advanced methodologies to provide the best available insights.

1. Data Validation Process

Rejoose takes proactive steps to ensure the integrity and reliability of carbon data submitted by manufacturers. This process respects the work of manufacturers while introducing safeguards to maintain data consistency across categories.

- **Category-Based Thresholds:**

Each product category has defined data validation thresholds. These thresholds are based on observed industry norms and ensure that data aligns with expected values.

- For example, in the **Notebooks** category, typical carbon footprints range from 230 to 350kg CO₂e. We set a lower threshold of **200kg CO₂e** and an upper threshold of **400kg CO₂e**.
- Products falling outside these limits undergo **manual verification**. Until validated, these products are assigned **Category Average (CA)** or **Category Average Plus (CA+)** data as a temporary measure.

This validation process ensures consistent and credible data while facilitating manufacturers' participation without undue scrutiny or burden.

2. Collaboration with Manufacturers

Manufacturers typically provide Life Cycle Assessment (LCA) data based on **Category Average** or **Hybrid Standards** as outlined in the GHG Protocol. Rejoose enriches this data by offering

enhanced methods like **CA+**, ensuring that the data not only meets but often exceeds the required standards.

- **CA+ Data Enrichment:**
CA+ data builds upon manufacturers' LCA data, adding granularity by incorporating:
 - Configuration-specific insights (e.g., variations in RAM, storage, etc.).
 - Validation against datasets from other manufacturers in the same category.

This approach highlights the **strength and versatility of manufacturer data** while enabling companies to make decisions based on enriched, actionable insights.

3. Transitioning from Spend-Based to Activity-Based Data

Many companies currently rely on the **spend-based method** for carbon accounting, which provides broad estimates based on financial data. Transitioning to **activity-based methods** (like CA or CA+) represents a significant leap in data quality:

- **Benefits of Activity-Based Data:**
 - Enhanced granularity allows for optimization at the product or category level.
 - Better alignment with the GHG Protocol, ensuring compliance and accuracy.
 - Provides actionable insights for reducing carbon footprints across IT procurement.

4. Practical Example: Understanding CA+ Data

Consider an LCA report for a product family with a **footprint deviation of $\pm 34\text{kg CO}_2\text{e}$** . This variation results from configuration-specific factors (e.g., type of RAM, storage). CA+ data accounts for these variables by combining:

- Component-level insights.
- Validation against category-wide data from other manufacturers.

This method delivers a precise, configuration-based footprint estimate, offering a more nuanced view than traditional averages while maintaining consistency with GHG Protocol standards.

Our Commitment to Transparency and Quality

Rejoose is committed to providing robust, reliable carbon data that empowers companies to make sustainable IT purchasing decisions. While we strive for accuracy, our publication acknowledges inherent complexities and evolving standards.

We respect manufacturers' contributions as critical collaborators in this journey and aim to amplify their efforts through our advanced data methodologies.

By choosing Rejoose, companies and partners can confidently transition to superior data methods, enabling sustainability-driven decision-making for a better future.

Enriching Manufacturer LCA Data

with Country- and Company-Specific Use Phase Calculations

Rejoose adds significant value to manufacturer-provided LCA data by refining the **use phase carbon footprint**. While many LCA datasets rely on regional averages, Rejoose goes a step further, leveraging **product-specific power use data** from multiple trusted sources to calculate carbon footprints tailored to a company's operational specifics and the country of use.

Rejoose sources power use data from:

1. Energy Star certifications
2. ECO Declarations
3. Manufacturer data sheets and power calculation tools
4. IT content syndicators
5. Direct power measurements conducted by independent third parties

Using this data, Rejoose identifies the **typical operating modes, power consumption in kWh**, and product-specific usage hours. These insights are then multiplied by the **company specific lifespan of the product** and the **carbon intensity of the electricity grid** in the use country, resulting in a more accurate and location-specific use phase carbon footprint.

This enriched methodology not only enhances the precision of the data but also enables companies to align their sustainability reporting and optimization efforts with local energy realities, ensuring a better understanding of the true carbon impact of their IT operations

Overview of accessible Data methods per IT category

Rejoose: Providing Comprehensive Carbon Data Across IT Categories

At Rejoose, we deliver up to **four distinct data methods** for each IT product category: **Manufacturer Specific (MS)**, **Category Average Plus (CA+)**, **Category Average (CA)**, and **Partner Specific (PS)**. These data methods ensure flexibility and precision, enabling companies and partners to choose the most suitable data for their reporting and decision-making needs.

With coverage spanning **over 500 IT product categories**, including everything from laptops and servers to accessories and data center equipment, our database is continually evolving. Every day, new categories are added, and existing data is refined with greater granularity. This ensures that the most commonly used IT products globally are supported with accurate, up-to-date carbon footprint insights.

While MS, CA+, and CA data are widely available across categories, the **Partner Specific (PS)** method is tailored to specific use cases and individual partner requirements, making it a bespoke option for specialized needs.

This dynamic and ever-expanding approach reflects Rejoose's commitment to providing the best possible data for IT sustainability, empowering organizations to make informed, sustainable decisions.

Category	Data methods
Cash Drawers	CA, CA+
3D Printer	CA, CA+
3D Printer Filament	CA, CA+
AC Power Adapter Laptop/Small IT	CA, CA+
Access Control Reader	CA, CA+
Access Point Mount/Bracket	CA, CA+
Accesspoint and Router	CA, CA+
Adapters	CA+
Alkaline Battery	CA, CA+
Asset Tag Aluminum	CA, CA+
Audio & Video Switches	CA, CA+
Audio Amplifier	CA, CA+
Audio Cable	CA, CA+
Augmented Reality Glasses	CA, CA+
Authenticator	CA, CA+
AV-equipment	CA+
Backpacks and Cases	CA, CA+,MS
Bag - Nylon	CA+
Bag - Polyurethane Leather (PU)	CA+
Bag - Recycled Polyester	CA+
Battery Charger	CA, CA+
Battery Storage (Lithium-ion)	CA, CA+
Bluetooth Adapters	CA, CA+
Blu-Ray Disc	CA, CA+
Bulk Network Cable	CA, CA+
Button-Cell Batteries	CA, CA+
Cable and Locks	CA, CA+
Cable Management	CA, CA+
Cable Management - Cable Clamps	CA, CA+
Cable Management - Cable Tie	CA, CA+
Cable Management - Cable Tray	CA, CA+
Cable Wrap (Nylon)	CA, CA+
Cable Wrap (PE)	CA+
Camera Mount	CA, CA+
Card Reader	CA, CA+
Cash Drawer Trays	CA, CA+
CD with Jewel Case	CA, CA+
CD with Spindle (50-Pack)	CA, CA+
CD/DVD Wallet	CA, CA+
Charger	CA, CA+
Charger cable	CA, CA+
Coax Cable	CA, CA+
Coaxial Connector	CA, CA+
Computer cable	CA, CA+

Computer Case Part - Bezel	CA, CA+
Computer Case Part - Cable management kit	CA, CA+
Computer Case Part - Castor	CA, CA+
Computer Case Part - Dust Filter	CA, CA+
Computer Case Part - Fan	CA, CA+
Computer Case Part - Feet	CA, CA+
Computer Case Part - Front Panel	CA, CA+
Computer Case Part - HDD Backplane	CA, CA+
Computer Case Part - HDD Cage	CA, CA+
Computer Case Part - HDD Mounting Bracket	CA, CA+
Computer Case Part - I/O shield	CA, CA+
Computer Case Part - Lock	CA, CA+
Computer Case Part - PCI Bracket	CA, CA+
Computer Case Part - Screw kit	CA, CA+
Computer Case Part - Side Panel	CA, CA+
Computer Disk Drive	CA+
Computer Interface Cards	CA, CA+
Computer Speaker	CA, CA+
Conference Speakerphone	CA, CA+,MS
Consumer - PCIe NVMe Flash	CA, CA+
Consumer Drive Enclosure	CA, CA+
Consumer LFF HDD 7.2K	CA, CA+
Consumer SSD	CA, CA+
Copiers	CA, CA+,MS
Copper Wire 1x6mm2	CA, CA+
Cover	CA, CA+
Data Center UPS	CA, CA+
DDR5 (PC)	CA, CA+
Dedicated GPU (Notebooks and Small Desktops)	CA, CA+
Desktop	CA, CA+,MS
Desktop Chassis All in one	CA+
Desktop Chassis Mini PC	CA+
Desktop Chassis SFF	CA+
Desktop Chassis Thin Client	CA+
Desktop Chassis Tower	CA, CA+
Desktop CPU	CA, CA+
Desktop CPU Cooler	CA, CA+
Desktop Holders and Brackets	CA, CA+
Desktop Mainboard (Motherboard)	CA, CA+
Desktop Power Supply	CA, CA+
Digital Camera	CA, CA+
Digital Media Player	CA, CA+
Disk Drive	CA, CA+
Disk Drive - Consumer	CA, CA+
Disk Drive - Enterprise	CA, CA+
Docking Station	CA, CA+

Document Holder	CA, CA+
Doorbell	CA, CA+,MS
DRAM DDR3/4 (PC)	CA, CA+
DVD and Blu-Ray Player	CA, CA+
E-Book Reader	CA, CA+,MS
Electric Scooter	CA, CA+
Enterprise HDD (7.2K)	CA, CA+
Enterprise SSD	CA, CA+
Equipment Cases	CA, CA+
External Hard Drive	CA, CA+
Fiber Cable - Simplex / Duplex	CA, CA+
Firewall	CA, CA+
Flash Card	CA, CA+
Flatbed Scanner	CA, CA+
Game Consoles	CA, CA+,MS
Gaming Keyboard	CA, CA+,MS
Gaming Mouse Corded	CA, CA+,MS
Gaming Mouse Wireless	CA, CA+,MS
Gateways/Controllers	CA, CA+
Graphic Card (Desktop GPU)	CA, CA+
Graphic Tablet	CA, CA+,MS
Headphone Carrying Case	CA, CA+
Headphone Ear Bud Foam Tips	CA, CA+
Headphone Earpads Cushions	CA, CA+
Headphones	CA, CA+, MS
Headphones - In Ear Corded	CA, CA+,MS
Headphones - In Ear Wireless	CA, CA+,MS
Headphones - On Ear - Corded	CA, CA+,MS
Headphones - On Ear - Wireless	CA, CA+,MS
Headphones - On Ear + Charger Base	CA, CA+,MS
Headphones - Over Ear - Gaming	CA, CA+,MS
Headphones - Over Ear - Wireless	CA, CA+,MS
Headphones - Wired	CA, CA+,MS
Headphones - Wireless	CA, CA+,MS
Headphones Accessories	CA, CA+
Holders and Straps	CA, CA+
ICT Accessories	CA+
ICT Peripherals	CA, CA+
Industrial Label Printer	CA, CA+
Ink Cartridge	CA, CA+
Inkjet Printers	CA, CA+,MS
Integrated Desktop	CA, CA+,MS
IP Phone	CA, CA+
Keyboard	CA, CA+,MS
Keyboard - Professional	CA, CA+,MS
Laminator	CA, CA+

Laptop Default Stand	CA, CA+
Laptop Spare Part - Adapter	CA, CA+
Laptop Spare Part - Antenna	CA, CA+
Laptop Spare Part - Backlit Sheet	CA, CA+
Laptop Spare Part - Batter - Nickel-based	CA, CA+
Laptop Spare Part - Battery	CA, CA+
Laptop Spare Part - Battery - Lithium-based	CA, CA+
Laptop Spare Part - Battery - Sealed Lead	CA, CA+
Laptop Spare Part - Battery Cover	CA, CA+
Laptop Spare Part - Bezel	CA, CA+
Laptop Spare Part - Bluetooth module	CA, CA+
Laptop Spare Part - Bottom Case	CA, CA+
Laptop Spare Part - Bottom case - Aluminum	CA, CA+
Laptop Spare Part - Bracket	CA, CA+
Laptop Spare Part - Bracket - Aluminum	CA, CA+
Laptop Spare Part - Button	CA, CA+
Laptop Spare Part - Cable	CA, CA+
Laptop Spare Part - Camera	CA, CA+
Laptop Spare Part - CMOS board	CA, CA+
Laptop Spare Part - Conductive tape	CA, CA+
Laptop Spare Part - Cover	CA, CA+
Laptop Spare Part - Cover - Aluminum	CA, CA+
Laptop Spare Part - Cover + keyboard	CA, CA+
Laptop Spare Part - CPU Cooling Fan	CA, CA+
Laptop Spare Part - DC-in jack	CA, CA+
Laptop Spare Part - Display	CA, CA+
Laptop Spare Part - Display Cover	CA, CA+
Laptop Spare Part - Display Cover - Aluminum	CA, CA+
Laptop Spare Part - Display frame	CA, CA+
Laptop Spare Part - Display Hook	CA, CA+
Laptop Spare Part - DVD Optical Drive	CA, CA+
Laptop Spare Part - Fan	CA, CA+
Laptop Spare Part - Feet	CA, CA+
Laptop Spare Part - Fingerprint Board	CA, CA+
Laptop Spare Part - Flat cable	CA, CA+
Laptop Spare Part - Frame tape	CA, CA+
Laptop Spare Part - Function board	CA, CA+
Laptop Spare Part - HDD Bracket	CA, CA+
Laptop Spare Part - HDD connector	CA, CA+
Laptop Spare Part - HDD tray	CA, CA+
Laptop Spare Part - HDD tray - Aluminum	CA, CA+
Laptop Spare Part - Heatsink	CA, CA+
Laptop Spare Part - Hinge	CA, CA+
Laptop Spare Part - Hinge cover	CA, CA+
Laptop Spare Part - Housing base	CA, CA+
Laptop Spare Part - Housing base + keyboard	CA, CA+

Laptop Spare Part - Housing base + keyboard + display	CA, CA+
Laptop Spare Part - I/O board	CA, CA+
Laptop Spare Part - Internal frame	CA, CA+
Laptop Spare Part - Inverter Board	CA, CA+
Laptop Spare Part - Keyboard	CA, CA+
Laptop Spare Part - Keyboard cover	CA, CA+
Laptop Spare Part - Keyboard shroud	CA, CA+
Laptop Spare Part - Kickstand	CA, CA+
Laptop Spare Part - LAN connector	CA, CA+
Laptop Spare Part - Latch	CA, CA+
Laptop Spare Part - LCD tape	CA, CA+
Laptop Spare Part - LED board	CA, CA+
Laptop Spare Part - Lid	CA, CA+
Laptop Spare Part - Lid panel	CA, CA+
Laptop Spare Part - Logo light module	CA, CA+
Laptop Spare Part - Magnet	CA, CA+
Laptop Spare Part - Microphone	CA, CA+
Laptop Spare Part - Motherboard	CA, CA+
Laptop Spare Part - Nameplate	CA, CA+
Laptop Spare Part - Palm rest	CA, CA+
Laptop Spare Part - PCIe adapter	CA, CA+
Laptop Spare Part - Plug cap	CA, CA+
Laptop Spare Part - Pointing stick cap	CA, CA+
Laptop Spare Part - Power board	CA, CA+
Laptop Spare Part - RTC battery	CA, CA+
Laptop Spare Part - Rubber	CA, CA+
Laptop Spare Part - Screen glass	CA, CA+
laptop spare part - Screw	CA, CA+
Laptop Spare Part - SIM tray	CA, CA+
Laptop Spare Part - Smart card	CA, CA+
Laptop Spare Part - Smart card module	CA, CA+
Laptop Spare Part - Speaker	CA, CA+
Laptop Spare Part - Spring	CA, CA+
Laptop Spare Part - SSD adapter	CA, CA+
Laptop Spare Part - SSD tray	CA, CA+
Laptop Spare Part - Storage adapter	CA, CA+
Laptop Spare Part - Thermal module	CA, CA+
Laptop Spare Part - Thermal pad	CA, CA+
Laptop Spare Part - Top case	CA, CA+
Laptop Spare Part - Touch board	CA, CA+
Laptop Spare Part - Touchpad	CA, CA+
Laptop Spare Part - Touchpad cover	CA, CA+
Laptop Spare Part - Track point cap	CA, CA+
Laptop Spare Part - Trackpad	CA, CA+
Laptop Spare Part - USB board	CA, CA+
Laptop Spare Part - VGA board	CA, CA+

Laptop Spare Part - Vibration motor	CA, CA+
Laptop Spare Part - WLAN card	CA, CA+
Laptop Spare Part - WWAN Card	CA, CA+
Large Format Monitor	CA, CA+,MS
Large Format Paper	CA, CA+,MS
Large Format Printers	CA, CA+,MS
Lead-Acid	CA, CA+
Leather Case (Cow)	CA+
Li-ion Battery For ICT	CA, CA+
Line Matrix Printer	CA, CA+
Li-Po Battery For ICT	CA, CA+
LTO Tape Drive	CA, CA+
Meeting Room Bundles	CA, CA+,MS
Meter Connectivity Module	CA, CA+
Microphone	CA, CA+
Mini PC	CA, CA+,MS
Mobile Charger	CA, CA+
Mobile Computer	CA, CA+
Mobile CPU	CA, CA+
Mobile Modem	CA, CA+
Mobile phone	CA, CA+
Mobile Workstation	CA, CA+,MS
Monitor	CA, CA+,MS
Monitor Mount Accessories	CA, CA+
Mount Accessory	CA, CA+
Mounting Kit	CA, CA+
Mouse	CA, CA+,MS
Mouse - Gaming	CA, CA+,MS
Mouse - Professional	CA, CA+,MS
Mouse and Keyboard Bundle	CA, CA+,MS
Mouse Pad	CA, CA+
Mouse Pad (Neoprene and Rubber)	CA+
Mouse Pad (Plastic Fabric and Rubber Edge)	CA+
Mouse Pad (Polyester and Rubber)	CA+
Multifunction Printer	CA, CA+,MS
Multimedia Cart Accessories	CA, CA+
Multiport Adapters PCB/ALU	CA, CA+
NAND Flash Memory	CA, CA+
Network	CA, CA+
Network Accessories	CA+
Network Adapter Card	CA, CA+
Network Antenna	CA, CA+
Network Cable	CA, CA+
Network Card	CA, CA+
Network Equipment Chassis	CA, CA+
Network Hardware Components	CA, CA+

Network Power Supply	CA, CA+
Network Switch	CA, CA+
NFC Key	CA, CA+
Notebook	CA, CA+,MS
Notebook Chassis	CA, CA+
Notebook CPU	CA, CA+
Notebook Mainboard	CA, CA+
Notebook Replacement Battery	CA, CA+
Notebook Replacement Keyboard	CA, CA+
Notebook Replacement Screen	CA, CA+
Notebook Sleeve	CA, CA+
Numpad	CA, CA+
Office Keyboard Corded	CA, CA+,MS
Office Keyboard Wireless	CA, CA+,MS
Office Keyboard Wireless Compact	CA, CA+,MS
Office Mouse Corded	CA, CA+,MS
Office Mouse Wireless	CA, CA+,MS
Office network	CA, CA+
Office Paper	CA, CA+
Optical Disc Drive	CA, CA+
Optical Disc Drive - Desktop	CA, CA+
Optical Disc Drive - External	CA, CA+
Optical Disc Drive - Internal	CA, CA+
Optical Disc Drive - Notebook	CA, CA+
Optical Disc Drive - Server	CA, CA+
Panel PC	CA, CA+,MS
Patch Panels (Passive)	CA, CA+
Payment Terminal	CA, CA+
PCI Cards - Raid Controllers	CA, CA+
Phone/Modem Cable	CA, CA+
Photo Printer	CA, CA+
PLA (Polylactic Acid)	CA, CA+
Plastic Cover	CA+
PoE Adapters	CA, CA+
Polyurethane Cover (PU)	CA+
Portable Device Management Carts & Cabinets	CA, CA+
Portable Document Scanner	CA, CA+,MS
Portable Media Player	CA, CA+,MS
Portable Speaker Large (3kg+)	CA, CA+,MS
Portable Speaker Small (<3kg)	CA, CA+,MS
POS System	CA, CA+,MS
POS System - All in One	CA, CA+,MS
POS System - Desktop	CA, CA+,MS
POS System - Kiosk	CA, CA+
POS System - Mini	CA, CA+,MS
POS System - Tablet	CA, CA+

POS Thermal Printer	CA, CA+
Power Cable	CA, CA+
Power Strip	CA, CA+
Print Server	CA, CA+
Printed Circuit Board	CA+
Printer	CA, CA+
Printer Ink	CA, CA+
Printer Part - Maintenance Cartridge	CA, CA+
Printer Part - Mechanical	CA, CA+
Printer Part - Tray	CA, CA+
Privacy Filter	CA, CA+
Projector Default Mount	CA, CA+
Projector Screen	CA, CA+
Projector Screen - Manual Ceiling/Floor Mount	CA, CA+
Rack Accessories	CA, CA+
Rack Cabinet	CA, CA+
Rack Management (Stainless Steel/Plastic)	CA, CA+
Rack Panel	CA, CA+
Rack Shelf	CA, CA+
Recycled Plastic Cover	CA+
Remanufactured Ink Cartridge	CA, CA+
Remanufactured Toner Cartridge	CA, CA+
Remotes & Wireless Presenters	CA, CA+
RJ45 Connector	CA, CA+
SAS Cable (Serial Attached SCSI)	CA, CA+
Sata Cable	CA, CA+
Screen Protector	CA, CA+
Screen Protector - Recycled PET	CA, CA+
Security Camera	CA, CA+
Security Components	CA, CA+
Serial Cable	CA, CA+
Serial Server	CA, CA+
Server	CA, CA+,MS
Server - DDR RAM	CA, CA+
Server - DDR2 RAM	CA, CA+
Server - DDR3 RAM	CA, CA+
Server - DDR4 RAM	CA, CA+
Server - DDR5 RAM	CA, CA+
Server - Graphics Card (GPU)	CA, CA+
Server Chassis	CA, CA+
Server Chassis 2U (include PSU Mainboard Fans)	CA, CA+
Server CPU	CA, CA+
Server Fan	CA, CA+
Server Hardware Components	CA, CA+
Server Main Board (Motherboard)	CA, CA+
Server Network Adapter	CA, CA+

Server Optical Disk Drive	CA, CA+
Server Power Supply (PSU)	CA, CA+
SFP Transceivers	CA, CA+
SFP+ to SFP+ Direct Attach Cable	CA, CA+
Signage Display	CA, CA+,MS
Signage Display Frame/Bezel	CA, CA+
Signage Display Mount Accessories	CA, CA+
Silicone Cover	CA, CA+
Silicone Cover With Magnets	CA+
Sim Card	CA, CA+
Single Lens Reflex Camera	CA, CA+
Slot Expander	CA, CA+
Small Brackets for IP Phone	CA, CA+
Smartphone Cover (PC & TPU) and Charger Bundle	CA, CA+
Smart Card Reader	CA, CA+
Smart Doorbell	CA, CA+,MS
Smart Glasses	CA, CA+,MS
Smart Lock	CA, CA+
Smart Speaker (<400g)	CA, CA+,MS
Smart Speaker (400g+)	CA, CA+,MS
Smart Wearable Band	CA, CA+
Smartboard	CA, CA+,MS
Smartphone	CA, CA+,MS
Smartphone Battery	CA, CA+
Smartphone Core	CA, CA+
Smartphone Cover	CA, CA+
Smartphone Mid Housing	CA, CA+
Smartphone Rear Camera	CA, CA+
Smartphone Replacement Cover (Housing)	CA, CA+
Smartphone Replacement Screen	CA, CA+
Smartphone Speaker Module	CA, CA+
Smartwatch	CA, CA+,MS
Soundbar	CA, CA+,MS
Speaker	CA, CA+,MS
Speaker Mount	CA, CA+
Stainless Steel Lock	CA+
Stands and Mounts	CA, CA+,MS
Steel / Aluminum Cable	CA+
Storage	CA, CA+,MS
Storage - Passive Parts	CA, CA+
Storage Hardware Components	CA+
Storage Media	CA+
Stylus Pen	CA, CA+
Surge Suppressors and PDU	CA, CA+
Tablet	CA, CA+,MS
Tablet Cover	CA, CA+

Tablet Cover with Keyboard	CA, CA+
Tablet Enclosure	CA, CA+
Tablet Replacement Screen	CA, CA+
Tablet Screen Protector	CA, CA+
Tablet Spare Part - Antenna	CA, CA+
Tablet Spare Part - Antenna Flex Cable	CA, CA+
Tablet Spare Part - Audio Jack Flex Cable	CA, CA+
Tablet Spare Part - Back Cover	CA, CA+
Tablet Spare Part - Base Module	CA, CA+
Tablet Spare Part - Battery	CA, CA+
Tablet Spare Part - Battery Bracket	CA, CA+
Tablet Spare Part - Bezel	CA, CA+
Tablet Spare Part - Bluetooth Antenna	CA, CA+
Tablet Spare Part - Button	CA, CA+
Tablet Spare Part - Button Bracket	CA, CA+
Tablet Spare Part - Button Set	CA, CA+
Tablet Spare Part - Buzzer	CA, CA+
Tablet Spare Part - Camera	CA, CA+
Tablet Spare Part - Charge Connector	CA, CA+
Tablet Spare Part - Circuit Board	CA, CA+
Tablet Spare Part - Connection Board	CA, CA+
Tablet Spare Part - DC-In Jack	CA, CA+
Tablet Spare Part - Digitizer	CA, CA+
Tablet Spare Part - Display	CA, CA+
Tablet Spare Part - Display Assembly + Front Housing	CA, CA+
Tablet Spare Part - Display Cable	CA, CA+
Tablet Spare Part - Display Frame	CA, CA+
Tablet Spare Part - Display Glass Adhesive Sticker	CA, CA+
Tablet Spare Part - Dock Charging Connector	CA, CA+
Tablet Spare Part - Dot Projector	CA, CA+
Tablet Spare Part - Dummy SD Card	CA, CA+
Tablet Spare Part - Flat Cable	CA, CA+
Tablet Spare Part - Front Camera Module	CA, CA+
Tablet Spare Part - Front Glass	CA, CA+
Tablet Spare Part - Front Panel	CA, CA+
Tablet Spare Part - GPS Antenna	CA, CA+
Tablet Spare Part - GPS/Wi-Fi Antenna	CA, CA+
Tablet Spare Part - Headphone Jack Socket	CA, CA+
Tablet Spare Part - Hinge	CA, CA+
Tablet Spare Part - Home Button	CA, CA+
Tablet Spare Part - Home Button Bracket	CA, CA+
Tablet Spare Part - Infrared Camera	CA, CA+
Tablet Spare Part - Keyboard	CA, CA+
Tablet Spare Part - Keyboard Cover Cable	CA, CA+
Tablet Spare Part - Kickstand	CA, CA+
Tablet Spare Part - LAN Connector	CA, CA+

Tablet Spare Part - LED Light Bar	CA, CA+
Tablet Spare Part - Magnetic Card Reader	CA, CA+
Tablet Spare Part - Main Board Flex Cable	CA, CA+
Tablet Spare Part - Mainboard	CA, CA+
Tablet Spare Part - Microphone	CA, CA+
Tablet Spare Part - Microphone Flex Cable	CA, CA+
Tablet Spare Part - MicroSD Card Slot	CA, CA+
Tablet Spare Part - Mini HDMI Connector	CA, CA+
Tablet Spare Part - NFC Card Reader	CA, CA+
Tablet Spare Part - Photo Lens	CA, CA+
Tablet Spare Part - Power Button Flex Cable	CA, CA+
Tablet Spare Part - Power Plug	CA, CA+
Tablet Spare Part - Power Port	CA, CA+
Tablet Spare Part - Power Port Pinhol	CA, CA+
Tablet Spare Part - Power Port Pinhole	CA, CA+
Tablet Spare Part - Proximity Sensor Flex Cable	CA, CA+
Tablet Spare Part - Rear Camera Exposure	CA, CA+
Tablet Spare Part - Rear Camera Module	CA, CA+
Tablet Spare Part - Screw	CA, CA+
Tablet Spare Part - Serial Port	CA, CA+
Tablet Spare Part - Side Button	CA, CA+
Tablet Spare Part - SIM Card Connector	CA, CA+
Tablet Spare Part - SIM Card Holder	CA, CA+
Tablet Spare Part - Smart Keyboard Flex Cable	CA, CA+
Tablet Spare Part - Speaker	CA, CA+
Tablet Spare Part - SSD Door	CA, CA+
Tablet Spare Part - Sticker	CA, CA+
Tablet Spare Part - Strap	CA, CA+
Tablet Spare Part - Surface Sheet	CA, CA+
Tablet Spare Part - Switch Flex Cable	CA, CA+
Tablet Spare Part - Tablet Stand	CA, CA+
Tablet Spare Part - Test Flex Cable	CA, CA+
Tablet Spare Part - Touch Panel	CA, CA+
Tablet Spare Part - USB Micro-B Connector	CA, CA+
Tablet Spare Part - USB Port Cable	CA, CA+
Tablet Spare Part - Vibration Motor	CA, CA+
Tablet Spare Part - Volume Button	CA, CA+
Tablet Spare Part - Volume Button Flex Cable	CA, CA+
Tablet Spare Part - Wi-Fi Antenna	CA, CA+
Telephone Stands & Mounts	CA, CA+
Television	CA, CA+
Tempered Glass	CA, CA+
Thermal Label	CA, CA+
Thin Client	CA, CA+,MS
Toner Cartridge	CA, CA+
Tripod	CA, CA+

UPS <10kW	CA, CA+
UPS Batteries	CA, CA+
USB & Lightning Adapter	CA, CA+
USB adapter	CA, CA+
USB Flash Drive	CA, CA+
USB Hub	CA, CA+
USB Network Adapter	CA, CA+
VGA Cable	CA, CA+
Video Adapter	CA, CA+
Video Cable	CA, CA+
Video Conferencing Accessories	CA, CA+
Video Decoder	CA, CA+
Video Doorbell	CA, CA+,MS
Video Game Controller	CA, CA+
Video Intercom Systems	CA, CA+
Video Projector	CA, CA+,MS
Videobar	CA, CA+,MS
Virtual Reality Headset (VR)	CA, CA+,MS
Voice Network Modules	CA, CA+
VR Headset (LCD)	CA, CA+,MS
VR Headset (OLED)	CA, CA+,MS
Wax Ribbon	CA, CA+
Webcam	CA, CA+,MS
Webcam 4K	CA, CA+,MS
Whiteboard	CA, CA+
Wireless Display Adapter	CA, CA+
Wireless Dongle	CA, CA+,MS
Wireless Presentation System	CA, CA+
Wireless Temperature Sensor	CA, CA+
Workstation	CA, CA+,MS
Wrist Rest	CA, CA+
Wristband fitness tracker	CA, CA+

At Rejoose, we understand that every organization has unique requirements, and certain IT categories or data methods might occasionally be missing from our database. To address this, we offer a **custom data request process**.

If a category is not yet available, or if additional data methods are needed, partners and companies can submit a request. These requests are prioritized based on factors such as:

- **Volume of products sold** in the requested category.
- Similar requests from other organizations.
- The potential impact and relevance of the requested data.

This ensures that we focus on delivering the most relevant and widely used data first, while still addressing specialized needs over time. By continually expanding and enhancing our database, we help organizations access the carbon data that matters most to them.