**1. What Does the OEM Segment Do?**

The **OEM (Original Equipment Manufacturer) segment** includes NVIDIA's products that are sold to other companies, which integrate them into their own devices and solutions. This includes:

* **Entry-level GPUs** for budget laptops and desktops.
* **Embedded Systems** for industrial and IoT applications.
* **Low-end AI and Automotive Chips** for ADAS (Advanced Driver Assistance Systems).
* **Cryptocurrency Mining Processors (CMPs)** (which saw declining demand after the crypto boom).

**2. What Does the Data Center Segment Do?**

The **Data Center segment** includes high-performance GPUs and AI computing solutions used in large-scale computing environments. These products support:

* **AI Model Training** (e.g., ChatGPT, generative AI).
* **Cloud Computing & HPC (High-Performance Computing)**.
* **Enterprise AI & ML workloads**.
* **GPUs like H100 and H200** used by major tech firms (AWS, Google Cloud, Microsoft Azure).

**3. Why Is the OEM Segment's Revenue Low?**

* **Shift to High-Value AI & Data Center Products:** NVIDIA prioritizes AI-focused high-margin products over low-end consumer GPUs.
* **Declining Crypto Demand:** CMP (Cryptocurrency Mining Processors) sales have fallen since the crypto market crash.
* **Lower Margins:** OEM GPUs are often entry-level products with lower profitability compared to high-performance AI chips.
* **Automotive Growth is Slow:** While NVIDIA is making strides in autonomous driving, automotive sales are still a small portion of overall revenue.

**4. Revenue Comparison**

In **FY 2024**, NVIDIA’s revenue breakdown:

* **Data Center Segment**: ~$47.4 billion (77.8% of total revenue).
* **OEM & Other Segment**: **Only $306 million (0.5% of total revenue).**

**Conclusion**

NVIDIA's **OEM segment remains small** due to its focus on low-cost, low-margin products, while the **Data Center segment dominates** thanks to surging demand for AI and cloud computing. NVIDIA continues to **shift resources to AI-driven high-value markets**, further reducing the significance of the OEM segment.