

# EMS and ODM Market Size Projected To Reach USD 800.19 Billion at CAGR of 4.26%, By 2028

*EMS and ODM Market Size – USD 574.10 Billion in 2020, Market Growth - CAGR of 4.26%, Surge in shipments of mobile phone vendors such as Apple, Xiaomi*

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EINPresswire.com/ -- Low labor inputs, transaction links, proximity to markets, growing saturation in PC outsourcing, growing impetus in notebook PC manufacturing, a more diverse.



Reports And Data

According to the current analysis of Reports and Data, the global [EMS and ODM market](#) were valued at USD 574.10 Billion in 2020 and is expected to reach USD 800.19 Billion by year 2028, at a CAGR of 4.26 %. The study covers the in-depth analysis of ODM (Original Design manufacturer) and EMS (Electronic Manufacturing services) and the challenges faced by them. An original design manufacturer (ODM) is a company which designs and manufactures products according to the specifications given by other firm who ultimately brands it for sale. The ODMs are in charge of research and development and has the capability to sell the product on their own, to other buyers or even as a "White label" (product sold under several names). For instance, consumer electronics such as chargers and mobile cases are examples for ODM-created products. In the recent years, ODMs have rapidly grown and most of them can handle production for multiple clients adequately, often providing a large chunk of overall production. On the other hand, EMS (Electronic manufacturing services) are contract manufacturers which create an electronic component, right from the beginning (design) to manufacturing, testing, distribution of the final approved product.

It is further responsible for repairing the products they created for OEMs (Original Equipment Manufacturer- a company which designs and manufactures electronic products according to buyer's specifications). Apart from the manufacturing related services, the EMS provider (also known as electronic contract manufacturing) also offers support in services such as shipping management, procurement assistance for obtaining additional components and providing customer services for the products they have created. Proximity to markets, low labor inputs, growing saturation in PC outsourcing, growing impetus in notebook PC manufacturing, a more

diverse product mix and end markets are some of the key factors propelling the market growth in the industry. However associated challenges for the ODMs and EMS such as non-commoditized market which primarily focus on technical aspects, uncertain demand, complex global supply chain, sustainability of the product are major hindrance for market growth during the years 2019-2028.

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Further key findings from the report suggest

- Currently ODMs are developing faster in more matured sectors such as consumer electronics and telecommunication compared to specialized sectors such as defense, automobile and industrial sector. In comparison to EMS, OEM (Original Equipment Manufacturer) is less likely to opt for ODM for contract manufacturing because OEMs have less control over IP (Intellectual protection) rights, designs of control boards, PCBs etc. Thus, ODMs are likely to become possible competitors to OEMs in the future.
- ODMs are mostly preferred by SME (small and medium size enterprises) and startup OEMs who have less budget as ODMs have their own design template.
- Many consumer electronic products are manufactured in China because of easy availability of raw materials, quality, speed, low maintenance costs. Cities such as Shenzhen is becoming a major industrial hub attracting popular consumer electronic companies such as Apple.
- Nowadays EMS has started to embrace non-traditional industries such as industrial, medical, consumer electronics. Further they are seen to provide design services in electrical and software design assistance as well.
- Global competition and new innovations are forcing the companies to cut down on costs. Further, companies are forced to produce goods as per the fast-changing consumer preferences. In addition to this, uncertain demand, complex global supply chain, sustainability of the product are few challenges faced by the EMS these days.
- Foxconn is the leading EMS provider in the world which accounts for more than 50% of the EMS revenue.
- Asia Pacific region accounts for 36.5% of the total market share. Taiwan and China are two key players in the OMS and EDM market. 75% of the global EMS market is held by Taiwanese companies. Out of the top four EMS providers in the world, Pegatron, Hon Hai (Foxconn), Wistron, and New Kinpo are based in Taiwan whereas Universal Scientific industrial company is the only Chinese company making it to top ten.
- The top 50 EMS have surpassed USD 300 billion in sales.
- Consumer devices such as mobile phones, digital cameras are the largest segment for the EMS market which account for 39.5% of the total revenue. It is followed by computers, primarily comprising of mobile PCs and desktops, holding a total share of 36.8% EMS revenue.
- Key participants in the study include Hon Hai industry, Pegatron, Flex, Wistron, Sanmina, Pegatron, Quanta Computer, Compal Electronics, Inventec.

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Segments covered in the report:

Manufacturers (Revenue, USD Million; 2020–2028)

- EMS
- Hon Hai industry
- Pegatron
- Flex
- Wistron
- Sanmina
- ODMs-
- Pegatron
- Quanta Computer
- Compal Electronics
- Inventec

Applications (Revenue, USD Million; 2020–2028)

- Computers
- Consumer devices
- Automobile industries
- Servers and Storage
- Networking

On the basis of regional analysis, the market is segmented into key geographical regions such as North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa. According to the analysis, North America is expected to dominate the market with the highest market share. Asia-Pacific is anticipated to show a significant growth rate owing to rising development and population demands.

To read more about the report – <https://www.reportsanddata.com/report-detail/ems-and-odm-market>

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