

# Computer Server Market Trends and Connector Use 2020 - 2030

Research Report P-410-21  
May 2021



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Bishop & Associates Inc. has just released their newest report, *Computer Server Market Trends and Connector Use 2020-2030*. This six-chapter, 112-page research report provides detailed information on the server industry, server manufacturers, and connector usage in the server market.



Server connectors are precision-engineered, macro and miniature pin, pad, or spring contact connectors that are designed to provide secure connections: microprocessors, memory, network, storage, power connections on printed circuits, chassis, IO cables, and in 40G-100G-400G Ethernet. They are used in multiple server designs from one to 8U and attached to local and long-haul telecom networks which will eventually carry zettabytes of data. [1 billion TBs]. Injection-molded connectors are used in HVM server applications, but there are also metal-housed connectors, including those that house 40G and above IO ports, including fiber optics. Mating cycles range from 10-100 for production server connectors and sockets and 100,000+ for test and burn-in sockets for DRAM, Flash and CPUs.

Server connectors run the gamut from Processor and DRAM Memory Sockets to HDD/SSD card edge to PCIe, power and various IO connectors. IO Connectors include RJ45, USB 3.0, VGA, LC and MPO Fiber. The motherboard may include a variety of these.

The server industry is undergoing another paradigm shift from the more predictable OEM-dominated market to one where multiple-players are vying for control, including formidable Chinese suppliers and Taiwan ODMs. The related PC market was expected to continue sub-par results but rebounded with double digits in late 2020 as a direct result of COVID. Server manufacturing is up for grabs between OEMs, ODMs, and Data Centers: DAAS providers [Data-As-A-Service, e.g., Amazon Web Services]:

**Table 2.6 Huawei Revenues & Units Shipped [est.] (Ux1000)**  
Sources: IDC, Gartner, and Bishop

| Year                     | 2018          | 2019          | 2020          | 2025E         | 5-Yr CAGR<br>2020-2025 | 7-Yr CAGR<br>2018-2025 |
|--------------------------|---------------|---------------|---------------|---------------|------------------------|------------------------|
| <b>Huawei \$</b>         | \$7,079.0     | \$5,658.0     | \$5,092.0     | \$X,XXX.X     | Y.Y%                   | Y.Y%                   |
| <b>Total Units</b>       | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>DIMM Sockets</b>      | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>LGA/PGA Sockets</b>   | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>PCIe</b>              | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>SAS/SATA/PCIe/SSF</b> | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>RJ45/Optics*</b>      | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>Other</b>             | X,XXX         | X,XXX         | X,XXX         | X,XXX         | Y.Y%                   | Y.Y%                   |
| <b>Total Connectors</b>  | <b>XX,XXX</b> | <b>XX,XXX</b> | <b>XX,XXX</b> | <b>XX,XXX</b> | <b>Y.Y%</b>            | <b>Y.Y%</b>            |

\$ in Billions

Does not include Switches, Routers, Cabling

# Computer Server Market Trends and Connector Use 2020 - 2030

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## What's New ?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at <https://store.bishopinc.com>.

- ❑ **Report P-410-21**      **Computer Server Market Trends and Connector Use 2020 – 2030 (May 2021) NEW**
- ❑ **Report M-607-21**      **World Industrial Market for Connectors (April 2021) NEW**
- ❑ **Report M-700-21**      **World Connector Market Handbook (April 2021) NEW**
- ❑ **Report F-2021-01**      **Connector Industry Forecast (March 2020) NEW**
- ❑ **Report M-510-21**      **World Telecom Connector Market 2020-2025 (January 2021) NEW**
- ❑ **Report M-1601-20**      **Top 50 Medical Interconnect Solutions Companies (December 2020)**
- ❑ **Report P-675-20**      **High-Speed Copper & Fiber Optic Connectors (November 2020)**
- ❑ **Report M-980-20**      **5G Infrastructure – How 5G is Impacting Infrastructure Hardware and Connector Buying Trends (September 2020)**
- ❑ **Report M-121-20**      **2020 Top 100 Connector Manufacturers (August 2020)**
- ❑ **Report M-1501-20**      **Medical Electronics Market for Interconnect Solutions (July 2020)**
- ❑ **Report P-780-20**      **World RF Coax Connector Market 2020 (June 2020)**
- ❑ **Report C-122-20**      **2020 Connector Industry Yearbook (June 2020)**
- ❑ **Report M-799-20**      **2020 World Cable Assembly Market (May 2020)**
- ❑ **Report M-4100-20**      **Non-Automotive Transportation Market for Connectors (February 2020)**
- ❑ **Report P-606-19**      **Connector Types and Technologies Poised for Growth (October 2019)**

### THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

An annual subscription to **THE BISHOP REPORT** (12 issues) is available for \$1,750. *The Bishop Report* subscription includes access, through [Bishopinc.com](http://Bishopinc.com), to prior issues of The Bishop Report, 30-40 yearly News Briefs, Industry Financial Benchmarks, and various connector industry indices. In addition, your subscription will include the **Connector Industry Yearbook** report (normally \$1,500).

An annual **Corporate Subscription** is available for \$2,950, which includes an unlimited number of subscribers and one PDF version of the **Connector Industry Yearbook**.

[Click here](#) to view an expanded report description, and a complete table of contents, for all Bishop & Associates' research reports.



1209 Fox Glen Drive • St. Charles, IL 60174  
Phone: 630.443.2702 • [bishop@bishopinc.com](mailto:bishop@bishopinc.com) • [ConnectorIndustry.com](http://ConnectorIndustry.com)  
Online Ordering: <https://store.bishopinc.com>