Bishop and Associates, Inc. has just released a new five-chapter research report providing an analysis of the computer market, the OEM equipment associated with this market and the connectors and cable assemblies that support this market. The report examines various types of computer equipment, including tablets, servers, and storage equipment and covers connector sales associated with these products. Connector sales statistics for the years 2017, 2018F and 2022F by computer market sub-sector are provided by region of the world. Similar information by unit is provided for select equipment types.

The computer and datacom industry is undergoing a major change which will challenge OEMs and suppliers alike. Much of this is based on the use of cloud computing and public data centers that are developing and utilizing their own equipment and often using ODMs for assembly. This practice is transferring the procurement and installation of hardware from the end user to the data center provider, and OEMs, including data center, OEM computer, datacom, and storage manufacturers, EMS/contract manufacturers, datacom distributors and cable manufacturers.

Sample Table 1:

**Total World Computer & Computer Peripherals Connector Sales by Sub-Sector 2016, 2017, 2018F and 2022F with Percent Change and 5-Year CAGR**

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>2016</th>
<th>Percent Change</th>
<th>2017</th>
<th>Percent Change</th>
<th>2018F</th>
<th>Percent Change</th>
<th>2022F</th>
<th>Percent Change</th>
<th>5-Year CAGR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile Computers</td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$X,XXX.X</td>
</tr>
<tr>
<td>Desktops</td>
<td>$XXX.X</td>
<td>-Y.Y%</td>
<td>$XXX.X</td>
<td>-Y.Y%</td>
<td>$XXX.X</td>
<td>-Y.Y%</td>
<td>$XXX.X</td>
<td>-Y.Y%</td>
<td>$XXX.X</td>
</tr>
<tr>
<td>Servers</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
</tr>
<tr>
<td>Storage Equipment</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
</tr>
<tr>
<td>Input/Output Equipment</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
</tr>
<tr>
<td>Communication LAN Devices</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
</tr>
<tr>
<td>Other Computer Equipment</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
<td>Y.Y%</td>
<td>$XXX.X</td>
</tr>
<tr>
<td><strong>Total Computers &amp; Peripherals</strong></td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$X,XXX.X</td>
<td>Y.Y%</td>
<td>$XX,XXX.X</td>
<td>Y.Y%</td>
<td>$XX,XXX.X</td>
</tr>
</tbody>
</table>

$ Millions
Looking forward, an entire chapter is devoted to the role photonics may play in future computer systems. Many are predicting that computer and datacom equipment will have to transition to on-board optics in the near future in order to accommodate the need for speed and bandwidth. A review and discussion of companies presently involved in photonics and interconnects is provided, as well as the issues critical to silicon photonics adoption.
The following table of contents shows the detail provided in this new report.

Table of Contents

Chapter 1 – Introduction
1.1 Definitions and Trends
Interconnect Levels of Packaging
Computer Market Characteristics
Computer Market and Technology Disruptions
1.2 Top PC and Server Manufacturers
Table 1.1 – Top PC, Notebook, and Server Manufacturers – 2017
1.3 Tablets

Chapter 2 – Computer and Server Trends
2.1 - Two-in-One Devices
2.2 - Notebooks
Apple MacBook Air
Apple Notebooks and Company Challenges
Notebook Future
2.3 – Desktop, AIO PCs
Microsoft Surface Studio
iMac
Mac Pro
2.4 - Workstations
Table 2.1 – Top 10 Workstations
2.5 - Servers
Table 2.2 – 4Q16 Server Market Share by Manufacturer
Table 2.3 – Servers come in Several Varieties
Table 2.4 – Servers Ranked by Future Volume Increases
2.6 Server Market Dynamics and Manufacturers
Table 2.5 – 2015 and 2016 Server Market Estimates by Manufacturer
Table 2.6 – 2022 Server Market Share by Manufacturer
2.7 Connector Products used in Server Systems
Table 2.7 – Historical World Server Unit Volume
Table 2.8 – Earlier World Server Revenue
Table 2.9 Server Manufacturers 1Q17 Shipments
2.8 Description of Server Products
2.9 Rack and Blade Servers
Rack and Blade Server Standards
Figure 2-59 – 124 Pin CFP8 Host Board-Mount Connector
Other 400G Solutions – QSFP-DD and OSFP
Figure 2-60 – QSFP-DD Form Factor
Figure 2-61 – Connector Detail for the QSFP-DD
Figure 2-62 – OFSP Form Factor for 400G
On-Board Optics
Figure 2-63 – MXC versus MTP Connector

Chapter 3 – Computer Industry
3.1 Computer Industry
3.2 Amazon Web Services
3.3 Apple Computer, Inc.
3.4 Acer Inc.
3.5 Asus Computer Corp
3.6 ASRock
3.7 Compal Electronics
3.8 Cal Comp Electronics and Communications
3.9 Clevo Group
3.10 Dell Technologies
3.11 Hewlett Packard

Chapter 3 – Computer Industry (continued)
3.12 IBM
3.13 Lenovo
3.14 Microsoft
3.15 Oracle
3.16 Cisco Systems
3.17 Intel
3.18 Inspur Systems
3.19 Pegatron
3.20 Quanta Computer
3.21 SuperMicro
3.22 Complete List of Computer Manufacturers
3.23 Final Comments
Who will be the Future Leaders?
Computer Unit Shipment Forecast 2010-2027
Table and PC/MAC Unit Shipments 2010-2027
Server Unit Shipments 2010-2027
Cloud/Data Center, Industrial/Robotic, and Mainframe/Scientific 2010-2027

Chapter 4 – Photonics
4.1 Photonics Introduction – What Will be Needed in Future Computer Systems?
4.2 Interconnection Technology
4.3 Companies and On-board Optics
Table 4.1 – Connector Levels of Packaging
4.5 Manufacturing Equipment and Processes
Connectors, Cable Assemblies and Transceiver Manufacturing
Connector Materials
Connector Quality & Reliability
Environmental Technology
Test and Inspection
4.6 Printed Circuit Board Manufacturing
4.7 Issues Critical to Silicon Photonics Adoption
4.8 Sea Changes
4.9 State of High Volume Manufacturing in US Electronics Manufacturing
4.10 US Manufacturing
Tables 4.2 to 4.9: US Shipments of Electrical & Electronic Products 1995 – 2023
4.11 Technology Roadmaps for Select Fiber Optic Interconnect Products
Table 4.10 Technology Roadmap: MXC Single-Mode Fiber Optic Connector
Table 4.11 Technology Roadmap MPO Single-Mode Fiber Optic Connector
Table 4.12 Technology Roadmap Active Optic Cable Assembly (AOC) IPSR Consortium 2000-2025
Table 4.13 Technology Roadmap Generic MM to SM Fiber Optic Connectors 2014-2025
Table 4.14 Technology Roadmap Generic High Performance (≥ 10G) Backplane Connectors 2000-2025
Table 4.15 Technology Roadmap Discrete Optical Interposers PSMC Consortium 2014-2025
Table 4.16 Organic Printed Circuit Board Photonics Roadmap 2014-2025
IPSR on Board Optical Interconnect Project
Organic PCB Roadmap Comments
Chapter 4 – Photonics (continued)

4.12 What does this Chapter Mean?
Table 4.17 US Shipments Electronic Components other than Semiconductors 1995 – 2025 Trend

Chapter 5 – Statistics and Summary (continued)

5.1 Connector Sales Forecast by Sub-Sector
Total World Computer & Computer Peripherals Connector Sales by Sub-Sector 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
2017 Market Share by Sub-Sector
2022F Market Share by Sub-Sector
Total World Computer & Computer Peripherals Connector Sales by Sub-Sector 5-Year CAGR
North American Computer & Computer Peripheral Connector Sales by Sub-Sector 2017 versus 2022F
European Computer & Computer Peripheral Connector Sales by Sub-Sector 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
European Computer & Computer Peripheral Connector Sales by Sub-Sector 2017 versus 2022F
Japanese Computer & Computer Peripheral Connector Sales by Sub-Sector 2017 versus 2022F
Chinese Computer & Computer Peripheral Connector Sales by Sub-Sector 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
Chinese Computer & Computer Peripheral Connector Sales by Sub-Sector 2017 versus 2022F
Asian Pacific Computer & Computer Peripheral Connector Sales by Sub-Sector 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
Asian Pacific Computer & Computer Peripheral Connector Sales by Sub-Sector 2017 versus 2022F

5.2 Unit Forecast by Select Equipment Type
North American Computer & Computer Peripheral Units by Select Equipment Type 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
North American Computer & Computer Peripheral 5-Year CAGR by Select Equipment Type
European Computer & Computer Peripheral Units by Select Equipment Type 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
European Computer & Computer Peripheral 5-Year CAGR by Select Equipment Type
Japanese Computer & Computer Peripheral Units by Select Equipment Type 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
Japanese Computer & Computer Peripheral 5-Year CAGR by Select Equipment Type
Chinese Computer & Computer Peripheral Units by Select Equipment Type 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
Chinese Computer & Computer Peripheral 5-Year CAGR by Select Equipment Type
Asian Pacific Computer & Computer Peripheral Units by Select Equipment Type 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
Asian Pacific Computer & Computer Peripheral 5-Year CAGR by Select Equipment Type
ROW Computer & Computer Peripheral Units by Select Equipment Type 2016, 2017, 2018F & 2022F with Percent Change and 5-Year CAGR
ROW Computer & Computer Peripheral 5-Year CAGR by Select Equipment Type

5.3 Summary and Comments
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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 http://store.bishopinc.com.

- Report M-860-18  Computer Market and Big Data Systems and Connectors 2017 to 2022 and Beyond (January 2018) NEW
- Report F2017-02  Connector Industry Forecast (December 2017) NEW
- Report CA-785-17  Top 100 Cable Assembly Companies (December 2017) NEW
- Report P-881-17  Evolving High-Speed Backplane Connectors (November 2017) NEW
- Report P-940-17  World Market for Connectors used in Mobile Network Infrastructure Equipment – 2017 to 2022 (October 2017) NEW
- Report M-121-17  2017 Top 100 Connector Manufacturers (August 2017)
- Report P-910-17  The High-Speed Data Communications and Connectivity Market – 2017 and Beyond (June 2017)
- Report P-799-17  2017 World Cable Assembly Market (April 2017)
- Report M-700-17  World Connector Market Handbook (March 2017)
- Report M-617-17  Digital Transformation – Industrial IoT and the Connector Market – Industrial IoT as the Driver of Connectivity – Smart Factory – Smart Grid – Smart City (February 2017)
- Report T-800-17  2017 North American Cable Assembly Manufacturers (February 2017)

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