

Industrial Edge Networking Components Report - 2021

Part of the Industrial IoT, Software and Communications Service Area Package

Comprehensive tracking, analysis and forecasts on industrial edge networking components.

“ This report is for all the people who'd like to understand the ins and outs of the industrial networking market. As a result, this report on many occasions has been quoted by the leading players in the market. ”

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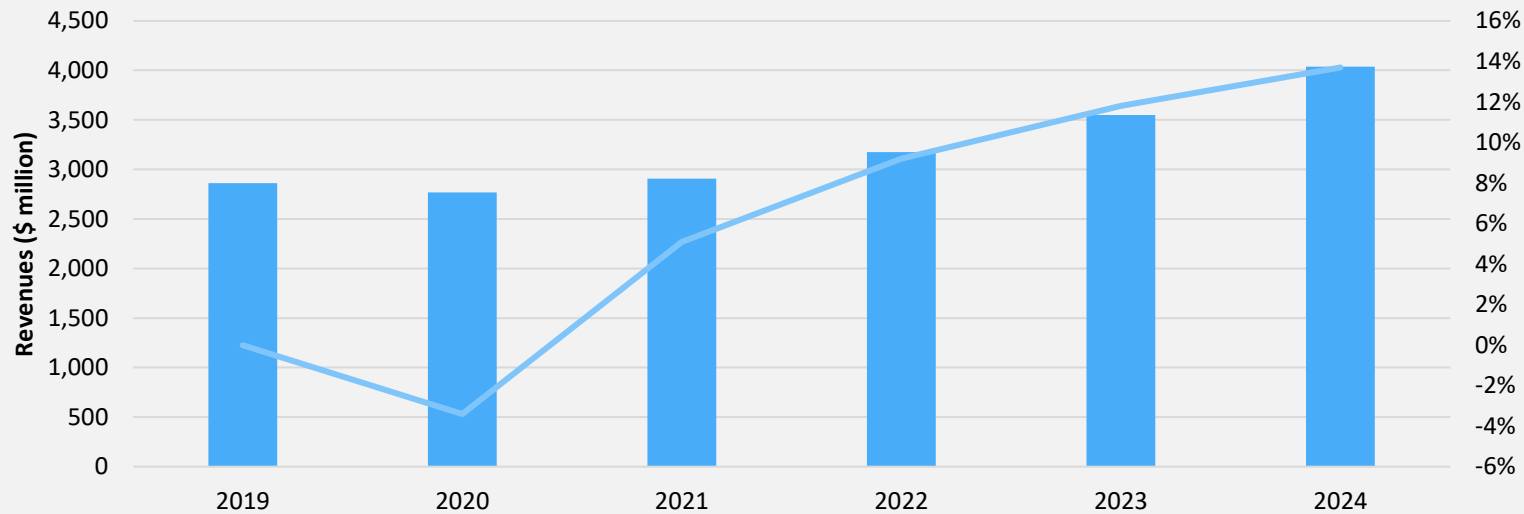
HOW OMDIA HELPS YOU

- Size the markets for industrial edge networking components such as switches, routers and gateways
- Identify new technological trends in the industrial networking market
- Understand the uptake of these devices in different vertical segments
- Analyze adoption rates for TSN and PoE

KEY QUESTIONS ADDRESSED

- What are the size, share, and forecasts for the industrial networking equipment?
- How is this market evolving with an accelerated push towards IIoT?
- How is this market performing within process, discrete and other industrial sectors?
- What is the uptake of different products variants in various regional markets?

The world market for Industrial Edge Networking Components



Industrial Edge Networking Components: Market Data

Industrial Edge Networking Components Report

This report quantifies the \$2.8 billion (2019) world market in terms of manufacturer revenues and where relevant, unit shipments and average selling prices.

Frequency: Annual

Market segmentations presented for the world market include those by industrial sector, communication technology including TSN compliance, and region (EMEA, Americas and Asia Pacific). Each region is further segmented into sub-region (countries and sub-regions). Estimated regional market shares of the leading manufacturers of the product groups considered in the analysis are also provided.

Industrial Edge Networking Components: Research Coverage

FREQUENCY: Annual

- 2019 base year
- 5-year annual forecast (2019 - 2024)

MEASURES

- Revenue
- Unit shipments
- ASP
- Market Share

REGIONS

- Americas
- EMEA
- Asia-Pacific

COMPONENTS

- IIoT gateways
- IPC based gateways
- Protocol converters
- Unmanaged switches
- Managed switches- layer 2
- Managed switches- layer 3
- Routers
- Wireless access points
- Connectors/cable sets

SWITCHES BY PORT COUNT

- Up to 7
- 8 to 15
- 16 to 23
- 24+

GATEWAYS BY OPERATING SYSTEM

- Windows
- Linux
- Others

SWITCHES BY MOUNTING

- DIN rail/panel
- Rack

SWITCHES BY TYPE OF POE FUNCTIONALITY

- PoE
- PoE+

SWITCHES BY TSN FUNCTIONALITY

- TSN compliant
- None

INDUSTRY SECTOR

- Discrete manufacturing
- Process manufacturing
- Medical
- Rail Transport- Rolling Stock
- Rail Transport- Track
- Other Transport & Traffic
- Surveillance
- Other Industries

DISCRETE SECTOR

- Automotive
- Food, Beverage Machinery
- Machine Tools
- Packaging Machinery
- Robotics
- Semiconductor & Electronics
- Other Industries

PROCESS SECTOR

- Chemical & Pharmaceutical
- Food & Beverage
- Metals & Mining
- Oil & Gas
- Power- Traditional
- Power- Renewable
- Power- Transport & Distribution
- Water & Wastewater
- Other Industries

CONNECTORS/ CABLE SET BY TYPES

- Connector Only
- Cable Set
- RJ45
- M8
- M12
- Others

REGIONS

Americas

- Brazil
- Canada
- Mexico
- United States
- Rest of South Americas

EMEA

- Austria & Switzerland
- Benelux
- France
- Germany
- Italy
- Middle East & Africa
- Nordic Countries
- Poland
- Russia & CIS
- Spain & Portugal
- Turkey
- UK & Ireland
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Malaysia
- Oceania
- Singapore
- South Korea
- Taiwan
- Thailand
- Rest of Asia

Related Content: Industrial IoT, Software and Communications Service Area Coverage



Service Area Package: Industrial IoT, Software and Communications

Industrial IoT
Intelligence Service

Industrial Edge Networking Components
Report

Industrial Software
Intelligence Service

Industrial Communications Report

Digital Innovation in Manufacturing End-
User Survey

Industrial IoT Readiness
End-User Survey

Transactional reports

- Discrete Industrial Sensors
- 5G in Manufacturing
- Manufacturing Edge Compute and the future of Automation
- Predictive Maintenance

About Omdia's

Industrial IoT, Software and Communications Research

With a background as a market leader in industrial automation and machinery, Omdia's Industrial IoT, communications and software research provides a unique insight into the market potential, opportunities and challenges in the digital transformation of the industrial/manufacturing sector.

The research portfolio spans industrial connectivity (including 5G and TSN), industrial software (MES, APM, Digital Twin), Analytics (including Edge compute and Artificial Intelligence), and Industrial Cybersecurity. A robust primary research methodology supports quantitative analysis of these markets, alongside discussion of forecast scenarios, the competitive environment, technology trends as well as ongoing coverage of market developments. This is combined with comprehensive "voice of the customer" analysis, highlighting customer challenges, objectives and maturity levels in deployment of new solutions and business models.

This insight is used to support vendors understanding of new business opportunities, prioritizing markets and investment, as well as guiding end-users in understanding best practices for digital transformation

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ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.