

# Indoor 5G - Company Evaluation Report, 2025

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## Abstracts

The Indoor 5G Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Indoor 5G. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 18 Indoor 5G Companies were categorized and recognized as quadrant leaders.

The indoor 5G market has progressed rapidly in tandem with the global expansion of fifth-generation wireless technology. While initial 5G rollouts prioritized outdoor coverage using high-frequency mm Wave and mid-band spectrum to achieve ultra-high speeds and low latency, the growing need for uninterrupted connectivity in environments like offices, hospitals, stadiums, and smart buildings has elevated the importance of robust indoor 5G solutions. Early adopters, including enterprises and telecom providers, are actively investing in technologies such as Distributed Antenna Systems (DAS), small cells, and repeaters to improve in-building signal coverage, driving the first wave of indoor 5G implementation.

The adoption of indoor 5G has been propelled by the growth of IoT, the expansion of smart infrastructure, and increasing demand for high-bandwidth applications such as augmented reality (AR), remote work, and industrial automation. Enterprises are deploying private 5G networks to ensure secure, high-performance connectivity, while telecom operators are collaborating with real estate developers to embed 5G infrastructure in new building projects. Despite this progress, the market still faces challenges, including poor signal penetration at higher frequencies and significant deployment costs. These hurdles are prompting the exploration of innovative solutions, such as neutral host networks and AI-powered network optimization, to enhance efficiency and scalability.

The 360 Quadrant maps the Indoor 5G companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Indoor 5G quadrant. The top criteria for product footprint evaluation included By OFFERING (Infrastructure, Services), and By BUSINESS MODEL (Service Providers, Enterprises, Neutral Host Operators).

## Key Players

Key players in the Indoor 5G market include major global corporations and specialized innovators such as Ericsson, Huawei, Nokia, Samsung, Zte, Commscope, Corning, Comba Telecom, At&T, Airspan Network, Boingo Wireless, Fujitsu, Liteon Technology, Sercomm, Pctel, Solid, Huber-Suhner, and Mavenir. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

## Top 3 Companies

### Ericsson

Ericsson, headquartered in Sweden, is a leader in the global telecom equipment market, known for pioneering 5G technology. The company provides an all-encompassing 5G platform offer, which includes specialized solutions for various network types. Ericsson focuses significantly on sustainability and social responsibility, emphasizing the reduction of environmental impact. Their strong global reach, with operations in over 180 countries, demonstrates their capability to serve diverse customer needs, from telecom service providers to enterprise clients.

### Nokia

Based in Finland, Nokia has been a longstanding player in telecommunications, offering end-to-end 5G solutions. It has a remarkable presence in over 130 countries, supported by extensive Research and Development facilities across the globe. Nokia's deployment of robust business strategies, including partnerships and technological innovations, solidifies its place as a leader. By investing in advanced technologies like Open RAN and private network capabilities, Nokia ensures high-performance connectivity, particularly in complex markets.

### Huawei

Huawei, originating from China, stands out for its extensive work in 5G and related technological fields such as cloud computing and IoT. Despite regulatory challenges,

Huawei's strong commitment to Research and Development allows it to offer world-class 5G solutions, particularly through its advanced small-cell network technologies. The company's ability to adapt and innovate in high-demand markets globally is prominently among leading 5G solution providers.

## Contents

### 1 INTRODUCTION

#### 1.1 MARKET DEFINITION

#### 1.2 STAKEHOLDERS

### 2 EXECUTIVE SUMMARY

### 3 MARKET OVERVIEW AND INDUSTRY TRENDS

#### 3.1 INTRODUCTION

#### 3.2 MARKET DYNAMICS

##### 3.2.1 DRIVERS

3.2.1.1 Demand For energy-efficient and sustainable buildings

3.2.1.2 Need for supporting mission-critical applications

3.2.1.3 Urbanization and smart city initiatives

3.2.1.4 Enhanced public safety through 5G technology

##### 3.2.2 RESTRAINTS

3.2.2.1 Cost constraints

3.2.2.2 Integration challenges

##### 3.2.3 OPPORTUNITIES

3.2.3.1 Emerging markets and government subsidies

3.2.3.2 Advancements in technology

3.2.3.3 Deployment of 5G networks

##### 3.2.4 CHALLENGES

3.2.4.1 Regulatory compliance

3.2.4.2 Technological complexity

3.2.4.3 User experience expectations

#### 3.3 EVOLUTION OF INDOOR 5G

#### 3.4 ECOSYSTEM

#### 3.5 SUPPLY CHAIN ANALYSIS

#### 3.6 TECHNOLOGY ANALYSIS

##### 3.6.1 KEY TECHNOLOGIES

3.6.1.1 Distributed Antenna Systems (DAS)

3.6.1.2 Small cell networks

3.6.1.3 Wi-Fi

3.6.1.4 Open RAN (O-RAN)

3.6.1.5 Multi-Access Edge Computing (MEC)

- 3.6.1.6 Massive MIMO Technology (MIMO)
- 3.6.2 COMPLEMENTARY TECHNOLOGIES
  - 3.6.2.1 Edge computing
  - 3.6.2.2 Internet of Things (IoT)
  - 3.6.2.3 Fixed Wireless Access (FWA)
- 3.6.3 ADJACENT TECHNOLOGIES
  - 3.6.3.1 Passive Optical Networks (PONs)
  - 3.6.3.2 5G repeaters & signal boosters
- 3.7 PATENT ANALYSIS
  - 3.7.1 METHODOLOGY
- 3.8 PORTER'S FIVE FORCES ANALYSIS
  - 3.8.1 THREAT OF NEW ENTRANTS
  - 3.8.2 THREAT OF SUBSTITUTES
  - 3.8.3 BARGAINING POWER OF BUYERS
  - 3.8.4 BARGAINING POWER OF SUPPLIERS
  - 3.8.5 INTENSITY OF COMPETITIVE RIVALRY
- 3.9 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS
- 3.10 TECHNOLOGY ROADMAP FOR INDOOR 5G MARKET
  - 3.10.1 INDOOR 5G TECHNOLOGY ROADMAP TILL 2030
    - 3.10.1.1 Short-term roadmap (2024–2026)
    - 3.10.1.2 Mid-term roadmap (2026–2028)
    - 3.10.1.3 Long-term roadmap (2028–2030)
- 3.11 BEST PRACTICES FOR INDOOR 5G
- 3.12 CURRENT AND EMERGING BUSINESS MODELS
  - 3.12.1 CURRENT BUSINESS MODELS
  - 3.12.2 EMERGING BUSINESS MODELS
- 3.13 IMPACT OF AI/GENERATIVE AI ON INDOOR 5G MARKET
  - 3.13.1 USE CASES OF GENERATIVE AI IN INDOOR 5G

## **4 COMPETITIVE LANDSCAPE**

- 4.1 INTRODUCTION
- 4.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2020–2024
- 4.3 REVENUE ANALYSIS, 2020–2024
- 4.4 MARKET SHARE ANALYSIS, 2024
- 4.5 MARKET RANKING ANALYSIS
- 4.6 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024
  - 4.6.1 STARS
  - 4.6.2 EMERGING LEADERS

- 4.6.3 PERVASIVE PLAYERS
- 4.6.4 PARTICIPANTS
- 4.6.5 COMPANY FOOTPRINT: KEY PLAYERS, 2024
  - 4.6.5.1 Company footprint
  - 4.6.5.2 Regional footprint
  - 4.6.5.3 Business model footprint
  - 4.6.5.4 Offering footprint
- 4.7 COMPANY EVALUATION MATRIX: START-UPS/SMES, 2024
  - 4.7.1 PROGRESSIVE COMPANIES
  - 4.7.2 RESPONSIVE COMPANIES
  - 4.7.3 DYNAMIC COMPANIES
  - 4.7.4 STARTING BLOCKS
  - 4.7.5 COMPETITIVE BENCHMARKING: START-UPS/SMES
    - 4.7.5.1 Detailed list of key start-ups/SMEs
    - 4.7.5.2 Competitive benchmarking of key start-ups/SMEs
- 4.8 COMPETITIVE SCENARIO
  - 4.8.1 PRODUCT LAUNCHES/DEVELOPMENTS
  - 4.8.2 DEALS
- 4.9 BRAND/PRODUCT COMPARISON
- 4.10 COMPANY VALUATION AND FINANCIAL METRICS

## **5 COMPANY PROFILES**

- 5.1 MAJOR PLAYERS
  - 5.1.1 ERICSSON
    - 5.1.1.1 Business overview
    - 5.1.1.2 Products/Solutions/Services offered
    - 5.1.1.3 Recent developments
      - 5.1.1.3.1 Product launches
      - 5.1.1.3.2 Deals
    - 5.1.1.4 MnM view
      - 5.1.1.4.1 Right to win
      - 5.1.1.4.2 Strategic choices
      - 5.1.1.4.3 Weaknesses and competitive threats
  - 5.1.2 HUAWEI
    - 5.1.2.1 Business overview
    - 5.1.2.2 Products/Solutions/Services offered
    - 5.1.2.3 Recent developments
      - 5.1.2.3.1 Product launches

- 5.1.2.3.2 Deals
- 5.1.2.3.3 Other developments
- 5.1.2.4 MnM view
  - 5.1.2.4.1 Right to win
  - 5.1.2.4.2 Strategic choices
  - 5.1.2.4.3 Weaknesses and competitive threats
- 5.1.3 NOKIA
  - 5.1.3.1 Business overview
  - 5.1.3.2 Products/Solutions/Services offered
  - 5.1.3.3 Recent developments
    - 5.1.3.3.1 Product launches
    - 5.1.3.3.2 Deals
  - 5.1.3.4 MnM view
    - 5.1.3.4.1 Right to win
    - 5.1.3.4.2 Strategic choices
    - 5.1.3.4.3 Weaknesses and competitive threats
- 5.1.4 SAMSUNG
  - 5.1.4.1 Business overview
  - 5.1.4.2 Products/Solutions/Services offered
  - 5.1.4.3 Recent developments
    - 5.1.4.3.1 Deals
  - 5.1.4.4 MnM view
    - 5.1.4.4.1 Right to win
    - 5.1.4.4.2 Strategic choices
    - 5.1.4.4.3 Weaknesses and competitive threats
- 5.1.5 ZTE
  - 5.1.5.1 Business overview
  - 5.1.5.2 Products/Solutions/Services offered
  - 5.1.5.3 Recent developments
    - 5.1.5.3.1 Product launches
    - 5.1.5.3.2 Deals
  - 5.1.5.4 MnM view
    - 5.1.5.4.1 Right to win
    - 5.1.5.4.2 Strategic choices
    - 5.1.5.4.3 Weaknesses and competitive threats
- 5.1.6 COMMSCOPE
  - 5.1.6.1 Business overview
  - 5.1.6.2 Products/Solutions/Services offered
  - 5.1.6.3 Recent developments

5.1.6.3.1 Product launches

5.1.6.3.2 Deals

#### 5.1.7 CORNING

5.1.7.1 Business overview

5.1.7.2 Products/Solutions/Services offered

5.1.7.3 Recent developments

5.1.7.3.1 Product launches

5.1.7.3.2 Deals

#### 5.1.8 COMBA TELECOM

5.1.8.1 Business overview

5.1.8.2 Products/Solutions/Services offered

5.1.8.3 Recent developments

5.1.8.3.1 Product launches

5.1.8.3.2 Deals

#### 5.1.9 AT&T

5.1.9.1 Business overview

5.1.9.2 Products/Solutions/Services offered

5.1.9.3 Recent developments

5.1.9.3.1 Deals

#### 5.1.10 AIRSPAN NETWORK

5.1.10.1 Business overview

5.1.10.2 Products/Solutions/Services offered

5.1.10.3 Recent developments

5.1.10.3.1 Product launches

5.1.10.3.2 Deals

#### 5.1.11 BOINGO WIRELESS

#### 5.1.12 FUJITSU

#### 5.1.13 LITEON TECHNOLOGY

#### 5.1.14 SERCOMM

#### 5.1.15 PCTEL

#### 5.1.16 SOLID

#### 5.1.17 HUBER-SUHNER

#### 5.1.18 MAVENIR

#### 5.2 START-UPS/SMES

##### 5.2.1 PROPTIVITY

##### 5.2.2 LITEPOINT

##### 5.2.3 DALI WIRELESS

##### 5.2.4 ALCAN

##### 5.2.5 EXTENET SYSTEMS

- 5.2.6 JMA WIRELESS
- 5.2.7 BTI WIRELESS
- 5.2.8 NEXTIVITY
- 5.2.9 MAVEN WIRELESS

## **6 APPENDIX**

- 6.1 RESEARCH METHODOLOGY
  - 6.1.1 RESEARCH DATA
    - 6.1.1.1 Secondary data
    - 6.1.1.2 Primary data
  - 6.1.2 RESEARCH ASSUMPTIONS
- 6.2 COMPANY EVALUATION MATRIX: METHODOLOGY
- 6.3 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

TABLE 1 INDOOR 5G MARKET: ECOSYSTEM

TABLE 2 LIST OF PATENTS, 2021–2024

TABLE 3 IMPACT OF PORTER’S FIVE FORCES ON INDOOR 5G MARKET

TABLE 4 INDOOR 5G MARKET: OVERVIEW OF STRATEGIES DEPLOYED BY KEY VENDORS, 2020–2024

TABLE 5 INDOOR 5G MARKET: DEGREE OF COMPETITION

TABLE 6 INDOOR 5G MARKET: REGIONAL FOOTPRINT

TABLE 7 INDOOR 5G MARKET: BUSINESS MODEL FOOTPRINT

TABLE 8 INDOOR 5G MARKET: OFFERING FOOTPRINT

TABLE 9 INDOOR 5G MARKET: DETAILED LIST OF KEY START-UPS/SMES

TABLE 10 INDOOR 5G MARKET: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

TABLE 11 INDOOR 5G MARKET: PRODUCT LAUNCHES/DEVELOPMENTS, APRIL 2021–MARCH 2025

TABLE 12 INDOOR 5G MARKET: DEALS, JULY 2020–APRIL 2025

TABLE 13 ERICSSON: COMPANY OVERVIEW

TABLE 14 ERICSSON: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 15 ERICSSON: PRODUCT LAUNCHES

TABLE 16 ERICSSON: DEALS

TABLE 17 HUAWEI: COMPANY OVERVIEW

TABLE 18 HUAWEI: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 19 HUAWEI: PRODUCT LAUNCHES

TABLE 20 HUAWEI: DEALS

TABLE 21 HUAWEI: OTHER DEVELOPMENTS

TABLE 22 NOKIA: COMPANY OVERVIEW

TABLE 23 NOKIA: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 24 NOKIA: PRODUCT LAUNCHES

TABLE 25 NOKIA: DEALS

TABLE 26 SAMSUNG: COMPANY OVERVIEW

TABLE 27 SAMSUNG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 28 SAMSUNG: DEALS

TABLE 29 ZTE: COMPANY OVERVIEW

TABLE 30 ZTE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 31 ZTE: PRODUCT LAUNCHES

TABLE 32 ZTE: DEALS

TABLE 33 COMMSCOPE: COMPANY OVERVIEW

TABLE 34 COMMSCOPE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 35 COMMSCOPE: PRODUCT LAUNCHES

TABLE 36 COMMSCOPE: DEALS

TABLE 37 CORNING: COMPANY OVERVIEW

TABLE 38 CORNING: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 39 CORNING: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 40 CORNING: DEALS

TABLE 41 COMBA TELECOM: COMPANY OVERVIEW

TABLE 42 COMBA TELECOM: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 43 COMBA TELECOM: PRODUCT LAUNCHES

TABLE 44 COMBA TELECOM: DEALS

TABLE 45 AT&T: COMPANY OVERVIEW

TABLE 46 AT&T: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 47 AT&T: DEALS

TABLE 48 AIRSPAN NETWORK: COMPANY OVERVIEW

TABLE 49 AIRSPAN NETWORK: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 50 AIRSPAN NETWORK: PRODUCT LAUNCHES

TABLE 51 AIRSPAN NETWORK: DEALS

## List Of Figures

### LIST OF FIGURES

- FIGURE 1 INDOOR 5G MARKET, 2023–2030 (USD MILLION)
- FIGURE 2 INDOOR 5G MARKET: REGIONAL SNAPSHOT
- FIGURE 3 INDOOR 5G MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES
- FIGURE 4 EVOLUTION OF INDOOR 5G
- FIGURE 5 KEY PLAYERS IN INDOOR 5G MARKET ECOSYSTEM
- FIGURE 6 INDOOR 5G MARKET: SUPPLY CHAIN ANALYSIS
- FIGURE 7 PATENTS APPLIED AND GRANTED, 2015–2024
- FIGURE 8 INDOOR 5G MARKET: PORTER’S FIVE FORCES ANALYSIS
- FIGURE 9 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS
- FIGURE 10 TOOLS, FRAMEWORKS, AND TECHNIQUES USED IN INDOOR 5G
- FIGURE 11 USE CASES OF GENERATIVE AI IN INDOOR 5G
- FIGURE 12 INDOOR 5G MARKET: REVENUE ANALYSIS OF FOUR KEY PLAYERS, 2020–2024
- FIGURE 13 SHARE ANALYSIS OF INDOOR 5G MARKET, 2024
- FIGURE 14 MARKET RANKING ANALYSIS OF TOP FIVE PLAYERS, 2024
- FIGURE 15 INDOOR 5G MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2024
- FIGURE 16 INDOOR 5G MARKET: COMPANY FOOTPRINT
- FIGURE 17 INDOOR 5G MARKET: COMPANY EVALUATION MATRIX (START-UPS/SMES), 2024
- FIGURE 18 BRAND/PRODUCT COMPARISON
- FIGURE 19 COMPANY VALUATION
- FIGURE 20 FINANCIAL METRICS
- FIGURE 21 ERICSSON: COMPANY SNAPSHOT
- FIGURE 22 HUAWEI: COMPANY SNAPSHOT
- FIGURE 23 NOKIA: COMPANY SNAPSHOT
- FIGURE 24 SAMSUNG: COMPANY SNAPSHOT
- FIGURE 25 ZTE: COMPANY SNAPSHOT
- FIGURE 26 COMMSCOPE: COMPANY SNAPSHOT
- FIGURE 27 CORNING: COMPANY SNAPSHOT
- FIGURE 28 COMBA TELECOM: COMPANY SNAPSHOT
- FIGURE 29 AT&T: COMPANY SNAPSHOT
- FIGURE 30 AIRSPAN NETWORK: COMPANY SNAPSHOT
- FIGURE 31 INDOOR 5G MARKET: RESEARCH DESIGN

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