

# **Global Smart Thermostat Market 2020-2030 by Component, Product, Technology, Application, End User, and Region: Trend Outlook and Growth Opportunity**

<https://marketpublishers.com/r/GB65C64E6D6AEN.html>

Date: February 2020

Pages: 154

Price: US\$ 2,796.00 (Single User License)

ID: GB65C64E6D6AEN

## **Abstracts**

Global smart thermostat market is expected to grow by 20.5% annually in the forecast period and reach \$9.42 billion by 2030.

Highlighted with 79 tables and 80 figures, this 154-page report “Global Smart Thermostat Market 2020-2030 by Component, Product, Technology, Application, End User, and Region: Trend Outlook and Growth Opportunity” is based on a comprehensive research of the entire global smart thermostat market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. In this report 2019 is the base year for market analysis, with estimates and forecast covering 2020-2030.

(Please Note: The report will be updated before delivery to make sure that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

## Restraints and Challenges

## Emerging Product Trends & Market Opportunities

## Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view. The balanced (most likely) projection is used to quantify global smart thermostat market in every aspect of the classification from perspectives of Component, Product, Technology, Application, End User, and Region.

Based on Component, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Display

Temperature Sensor

Humidity Sensor

Motion Sensor

Other Components

Based on Product, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Standalone Thermostats

Network Thermostats

Learning Thermostats

Based on Technology, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Wired Technology

Wireless Technology

Wi-Fi

ZigBee

Near-field Communications

Bluetooth

Other Wireless Technologies

Based on Application, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Heating Equipment

Cooling Equipment

Based on End User, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Industrial

Commercial

Residential

Public Infrastructure

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, and Sri Lanka)

Europe (Germany, UK, France, Italy, Spain, Rest of Europe; Rest of Europe is

further segmented into Russia, The Netherlands, Denmark, Austria, Norway, Sweden, Poland, Czech Republic, Slovakia, Hungary, and Romania)

North America (U.S. and Canada)

Latin America (Brazil, Mexico, Argentina, Rest of Latin America)

RoW (Saudi Arabia, UAE, South Africa)

For each of the aforementioned regions and countries, market analysis and revenue data are available for 2019-2030. The breakdown of all regional markets by country and split of major national markets by Component, Technology, and End User over the study years (2019-2030) are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global smart thermostat market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Carrier Corporation

ecobee

Emerson

Hive

Honeywell

Johnson Controls

Lux

Nest Labs

Netatmo

Nortek, Inc.

Schneider Electric SE

Tado

(Please Note: The report will be updated before delivery to make sure that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### **1 INTRODUCTION**

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### **2 MARKET OVERVIEW AND DYNAMICS**

- 2.1 Market Size and Forecast
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### **3 SEGMENTATION OF GLOBAL MARKET BY COMPONENT**

- 3.1 Market Overview by Component
- 3.2 Display
- 3.3 Temperature Sensor
- 3.4 Humidity Sensor
- 3.5 Motion Sensor
- 3.6 Other Components

### **4 SEGMENTATION OF GLOBAL MARKET BY PRODUCT**

- 4.1 Market Overview by Product
- 4.2 Standalone Thermostats
- 4.3 Network Thermostats

#### 4.4 Learning Thermostats

### **5 SEGMENTATION OF GLOBAL MARKET BY TECHNOLOGY**

#### 5.1 Market Overview by Technology

#### 5.2 Wired Technology

#### 5.3 Wireless Technology

##### 5.3.1 Wi-Fi

##### 5.3.2 ZigBee

##### 5.3.3 Near-field Communications

##### 5.3.4 Bluetooth

##### 5.3.5 Other Wireless Technologies

### **6 SEGMENTATION OF GLOBAL MARKET BY APPLICATION**

#### 6.1 Market Overview by Application

#### 6.2 Heating Equipment

#### 6.3 Cooling Equipment

### **7 SEGMENTATION OF GLOBAL MARKET BY END USER**

#### 7.1 Market Overview by End User

#### 7.2 Industrial

#### 7.3 Commercial

#### 7.4 Residential

#### 7.5 Public Infrastructure

### **8 SEGMENTATION OF GLOBAL MARKET BY REGION**

#### 8.1 Geographic Market Overview 2019-2030

#### 8.2 North America Market 2019-2030 by Country

##### 8.2.1 Overview of North America Market

##### 8.2.2 U.S. Market

##### 8.2.3 Canadian Market

#### 8.3 European Market 2019-2030 by Country

##### 8.3.1 Overview of European Market

##### 8.3.2 Germany

##### 8.3.3 UK

##### 8.3.4 France

- 8.3.5 Spain
- 8.3.6 Italy
- 8.3.7 Rest of European Market
- 8.4 Asia-Pacific Market 2019-2030 by Country
  - 8.4.1 Overview of Asia-Pacific Market
  - 8.4.2 Japan
  - 8.4.3 China
  - 8.4.4 Australia
  - 8.4.5 India
  - 8.4.6 South Korea
  - 8.4.7 Rest of APAC Region
- 8.5 Latin America Market 2019-2030 by Country
  - 8.5.1 Argentina
  - 8.5.2 Brazil
  - 8.5.3 Mexico
  - 8.5.4 Rest of Latin America Market
- 8.6 Rest of World Market 2019-2030 by Country
  - 8.6.1 UAE
  - 8.6.2 Saudi Arabia
  - 8.6.3 South Africa
  - 8.6.4 Other National Markets

## **9 COMPETITIVE LANDSCAPE**

- 9.1 Overview of Key Vendors
- 9.2 New Product Launch, Partnership, Investment, and M&A
- 9.3 Company Profiles
  - Carrier Corporation
  - ecobee
  - Emerson
  - Hive
  - Honeywell
  - Johnson Controls
  - Lux
  - Nest Labs
  - Netatmo
  - Nortek, Inc.
  - Schneider Electric SE
  - Tado



## **10 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT**

10.1 Risk Evaluation of Global Market

10.2 Critical Success Factors (CSFs)

Related Reports and Products

## List Of Tables

### LIST OF TABLES

Table 1. Snapshot of Global Smart Thermostat Market, 2019-2030

Table 2. Main Product Trends and Market Opportunities in Global Smart Thermostat Market

Table 3. Global Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 4. Global Smart Thermostat Market by Product, 2019-2030, \$ mn

Table 5. Global Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 6. Global Smart Thermostat Market: Wireless Technology by Type, 2019-2030, \$ mn

Table 7. Global Smart Thermostat Market by Application, 2019-2030, \$ mn

Table 8. Global Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 9. Global Smart Thermostat Market by Region, 2019-2030, \$ mn

Table 10. Leading National Smart Thermostat Market, 2019 and 2030, \$ mn

Table 11. North America Smart Thermostat Market by Country, 2019-2030, \$ mn

Table 12. U.S. Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 13. U.S. Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 14. U.S. Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 15. Canada Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 16. Canada Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 17. Canada Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 18. Europe Smart Thermostat Market by Country, 2019-2030, \$ mn

Table 19. Germany Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 20. Germany Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 21. Germany Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 22. UK Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 23. UK Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 24. UK Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 25. France Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 26. France Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 27. France Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 28. Spain Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 29. Spain Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 30. Spain Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 31. Italy Smart Thermostat Market by Component, 2019-2030, \$ mn

Table 32. Italy Smart Thermostat Market by Technology, 2019-2030, \$ mn

Table 33. Italy Smart Thermostat Market by End User, 2019-2030, \$ mn

Table 34. Smart Thermostat Market in Rest of Europe by Country, 2019-2030, \$ mn
Table 35. APAC Smart Thermostat Market by Country, 2019-2030, \$ mn
Table 36. Japan Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 37. Japan Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 38. Japan Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 39. China Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 40. China Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 41. China Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 42. Australia Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 43. Australia Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 44. Australia Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 45. India Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 46. India Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 47. India Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 48. South Korea Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 49. South Korea Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 50. South Korea Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 51. Smart Thermostat Market in Rest of APAC by Country, 2019-2030, \$ mn
Table 52. Latin America Smart Thermostat Market by Country, 2019-2030, \$ mn
Table 53. Argentina Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 54. Argentina Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 55. Argentina Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 56. Brazil Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 57. Brazil Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 58. Brazil Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 59. Mexico Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 60. Mexico Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 61. Mexico Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 62. RoW Smart Thermostat Market by Country, 2019-2030, \$ mn
Table 63. UAE Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 64. UAE Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 65. UAE Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 66. Saudi Arabia Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 67. Saudi Arabia Thermostat Market by Technology, 2019-2030, \$ mn
Table 68. Saudi Arabia Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 69. South Africa Smart Thermostat Market by Component, 2019-2030, \$ mn
Table 70. South Africa Smart Thermostat Market by Technology, 2019-2030, \$ mn
Table 71. South Africa Smart Thermostat Market by End User, 2019-2030, \$ mn
Table 72. Breakdown of Global Market by Key Vendor, 2019, %

Table 73. Carrier Corporation: Company Snapshot

Table 74. Carrier Corporation: Business Segmentation

Table 75. Carrier Corporation: Product Portfolio

Table 76. Carrier Corporation: Revenue, 2016-2018, \$ mn

Table 77. Carrier Corporation: Recent Developments

Table 78. Risk Evaluation for Investing in Global Market, 2019-2030

Table 79. Critical Success Factors and Key Takeaways

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 4. Global Smart Thermostat Market, 2019-2030, \$ mn

Figure 5. Global Smart Thermostat Market by Volume, 2019-2030, million units

Figure 6. Average Selling Price of Smart Thermostats, 2019-2030, USD/unit

Figure 7. Primary Drivers and Impact Factors of Global Smart Thermostat Market

Figure 8. Primary Restraints and Impact Factors of Global Smart Thermostat Market

Figure 9. Porter's Five Forces Analysis of Global Smart Thermostat Market

Figure 10. Breakdown of Global Smart Thermostat Market by Component, 2019-2030, % of Revenue

Figure 11. Contribution to Global 2020-2030 Cumulative Revenue by Component, Value (\$ mn) and Share (%)

Figure 12. Global Smart Thermostat Market: Display, 2019-2030, \$ mn

Figure 13. Global Smart Thermostat Market: Temperature Sensor, 2019-2030, \$ mn

Figure 14. Global Smart Thermostat Market: Humidity Sensor, 2019-2030, \$ mn

Figure 15. Global Smart Thermostat Market: Motion Sensor, 2019-2030, \$ mn

Figure 16. Global Smart Thermostat Market: Other Components, 2019-2030, \$ mn

Figure 17. Breakdown of Global Smart Thermostat Market by Product, 2019-2030, % of Revenue

Figure 18. Contribution to Global 2020-2030 Cumulative Revenue by Product, Value (\$ mn) and Share (%)

Figure 19. Global Smart Thermostat Market: Standalone Thermostats, 2019-2030, \$ mn

Figure 20. Global Smart Thermostat Market: Network Thermostats, 2019-2030, \$ mn

Figure 21. Global Smart Thermostat Market: Learning Thermostats, 2019-2030, \$ mn

Figure 22. Breakdown of Global Smart Thermostat Market by Technology, 2019-2030, % of Revenue

Figure 23. Contribution to Global 2020-2030 Cumulative Revenue by Technology, Value (\$ mn) and Share (%)

Figure 24. Global Smart Thermostat Market: Wired Technology, 2019-2030, \$ mn

Figure 25. Global Smart Thermostat Market: Wireless Technology, 2019-2030, \$ mn

Figure 26. Global Smart Thermostat Market: Wi-Fi, 2019-2030, \$ mn

Figure 27. Global Smart Thermostat Market: ZigBee, 2019-2030, \$ mn

Figure 28. Global Smart Thermostat Market: Near-field Communications, 2019-2030, \$

mn

Figure 29. Global Smart Thermostat Market: Bluetooth, 2019-2030, \$ mn

Figure 30. Global Smart Thermostat Market: Other Wireless Technologies, 2019-2030, \$ mn

Figure 31. Breakdown of Global Smart Thermostat Market by Application, 2019-2030, % of Revenue

Figure 32. Contribution to Global 2020-2030 Cumulative Revenue by Application, Value (\$ mn) and Share (%)

Figure 33. Global Smart Thermostat Market: Heating Equipment, 2019-2030, \$ mn

Figure 34. Global Smart Thermostat Market: Cooling Equipment, 2019-2030, \$ mn

Figure 35. Breakdown of Global Smart Thermostat Market by End User, 2019-2030, % of Revenue

Figure 36. Contribution to Global 2020-2030 Cumulative Revenue by End User, Value (\$ mn) and Share (%)

Figure 37. Global Smart Thermostat Market: Industrial, 2019-2030, \$ mn

Figure 38. Global Smart Thermostat Market: Commercial, 2019-2030, \$ mn

Figure 39. Global Smart Thermostat Market: Residential, 2019-2030, \$ mn

Figure 40. Global Smart Thermostat Market: Public Infrastructure, 2019-2030, \$ mn

Figure 41. Global Market Snapshot by Region

Figure 42. Geographic Spread of Worldwide Smart Thermostat Market, 2019-2030, % of Revenue

Figure 43. Contribution to Global 2020-2030 Cumulative Revenue by Region, Value (\$ mn) and Share (%)

Figure 44. North American Smart Thermostat Market, 2019-2030, \$ mn

Figure 45. Breakdown of North America Smart Thermostat Market by Country, 2019 and 2030, % of Revenue

Figure 46. Contribution to North America 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 47. U.S. Smart Thermostat Market, 2019-2030, \$ mn

Figure 48. Canada Smart Thermostat Market, 2019-2030, \$ mn

Figure 49. European Smart Thermostat Market, 2019-2030, \$ mn

Figure 50. Breakdown of European Smart Thermostat Market by Country, 2019 and 2030, % of Revenue

Figure 51. Contribution to Europe 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 52. Smart Thermostat Market in Germany, 2019-2030, \$ mn

Figure 53. Smart Thermostat Market in UK, 2019-2030, \$ mn

Figure 54. Smart Thermostat Market in France, 2019-2030, \$ mn

Figure 55. Smart Thermostat Market in Spain, 2019-2030, \$ mn



- Figure 56. Smart Thermostat Market in Italy, 2019-2030, \$ mn
- Figure 57. Smart Thermostat Market in Rest of Europe, 2019-2030, \$ mn
- Figure 58. Asia-Pacific Smart Thermostat Market, 2019-2030, \$ mn
- Figure 59. Breakdown of APAC Smart Thermostat Market by Country, 2019 and 2030, % of Revenue
- Figure 60. Contribution to APAC 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 61. Smart Thermostat Market in Japan, 2019-2030, \$ mn
- Figure 62. Smart Thermostat Market in China, 2019-2030, \$ mn
- Figure 63. Smart Thermostat Market in Australia, 2019-2030, \$ mn
- Figure 64. Smart Thermostat Market in India, 2019-2030, \$ mn
- Figure 65. Smart Thermostat Market in South Korea, 2019-2030, \$ mn
- Figure 66. Smart Thermostat Market in Rest of APAC, 2019-2030, \$ mn
- Figure 67. Latin America Smart Thermostat Market, 2019-2030, \$ mn
- Figure 68. Breakdown of Latin America Smart Thermostat Market by Country, 2019 and 2030, % of Revenue
- Figure 69. Contribution to Latin America 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 70. Smart Thermostat Market in Argentina, 2019-2030, \$ mn
- Figure 71. Smart Thermostat Market in Brazil, 2019-2030, \$ mn
- Figure 72. Smart Thermostat Market in Mexico, 2019-2030, \$ mn
- Figure 73. Smart Thermostat Market in Rest of Latin America, 2019-2030, \$ mn
- Figure 74. Smart Thermostat Market in Rest of the World (RoW), 2019-2030, \$ mn
- Figure 75. Breakdown of RoW Smart Thermostat Market by Country, 2019 and 2030, % of Revenue
- Figure 76. Contribution to RoW 2020-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 77. Smart Thermostat Market in UAE, 2019-2030, \$ mn
- Figure 78. Smart Thermostat Market in Saudi Arabia, 2019-2030, \$ mn
- Figure 79. Smart Thermostat Market in South Africa, 2019-2030, \$ mn
- Figure 80. Growth Stage of Global Smart Thermostat Industry over the Forecast Period

## I would like to order

Product name: Global Smart Thermostat Market 2020-2030 by Component, Product, Technology, Application, End User, and Region: Trend Outlook and Growth Opportunity

Product link: <https://marketpublishers.com/r/GB65C64E6D6AEN.html>

Price: US\$ 2,796.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB65C64E6D6AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



