

# Global Neuromorphic Chip Market Research Report 2016

https://marketpublishers.com/r/G4ADB32A4E0EN.html

Date: November 2016

Pages: 109

Price: US\$ 2,900.00 (Single User License)

ID: G4ADB32A4E0EN

#### **Abstracts**

### Notes:

Production, means the output of Neuromorphic Chip

Revenue, means the sales value of Neuromorphic Chip

This report studies Neuromorphic Chip in Global market, especially in North America, Europe, China, Japan, Southeast Asia and India, focuses on top manufacturers in global market, with Production, price, revenue and market share for each manufacturer, covering

Qualcomm

**IBM** 

**HRL** Laboratories

General Vision

Audience

Numenta

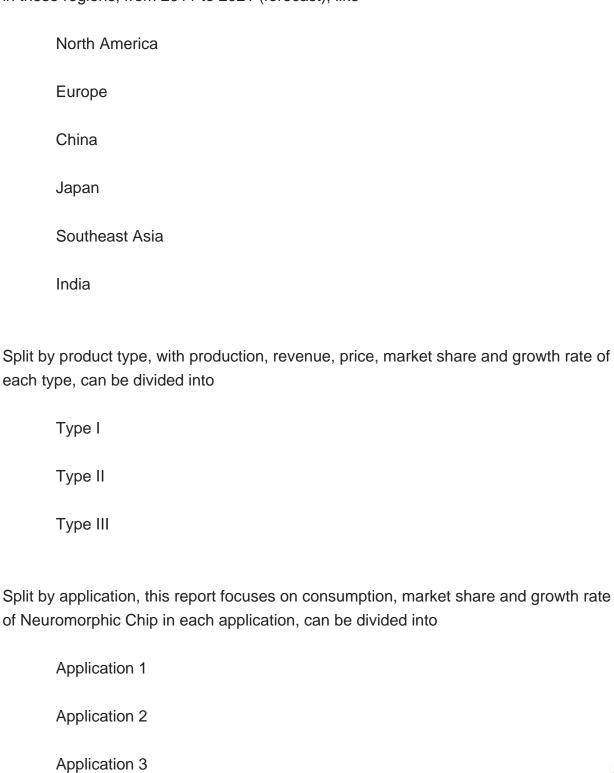
HP

Samsung Group



Intel

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of Neuromorphic Chip in these regions, from 2011 to 2021 (forecast), like









#### **Contents**

Global Neuromorphic Chip Market Research Report 2016

#### 1 NEUROMORPHIC CHIP MARKET OVERVIEW

- 1.1 Product Overview and Scope of Neuromorphic Chip
- 1.2 Neuromorphic Chip Segment by Type
  - 1.2.1 Global Production Market Share of Neuromorphic Chip by Type in 2015
  - 1.2.2 Type I
  - 1.2.3 Type II
  - 1.2.4 Type III
- 1.3 Neuromorphic Chip Segment by Application
- 1.3.1 Neuromorphic Chip Consumption Market Share by Application in 2015
- 1.3.2 Application
- 1.3.3 Application
- 1.3.4 Application
- 1.4 Neuromorphic Chip Market by Region
- 1.4.1 North America Status and Prospect (2011-2021)
- 1.4.2 Europe Status and Prospect (2011-2021)
- 1.4.3 China Status and Prospect (2011-2021)
- 1.4.4 Japan Status and Prospect (2011-2021)
- 1.4.5 Southeast Asia Status and Prospect (2011-2021)
- 1.4.6 India Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value) of Neuromorphic Chip (2011-2021)

### 2 GLOBAL NEUROMORPHIC CHIP MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Neuromorphic Chip Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Neuromorphic Chip Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Neuromorphic Chip Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Neuromorphic Chip Manufacturing Base Distribution, Sales Area and Product Type
- 2.5 Neuromorphic Chip Market Competitive Situation and Trends
  - 2.5.1 Neuromorphic Chip Market Concentration Rate
  - 2.5.2 Neuromorphic Chip Market Share of Top 3 and Top 5 Manufacturers
  - 2.5.3 Mergers & Acquisitions, Expansion



## 3 GLOBAL NEUROMORPHIC CHIP PRODUCTION, REVENUE (VALUE) BY REGION (2011-2016)

- 3.1 Global Neuromorphic Chip Production and Market Share by Region (2011-2016)
- 3.2 Global Neuromorphic Chip Revenue (Value) and Market Share by Region (2011-2016)
- 3.3 Global Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)
- 3.4 North America Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)
- 3.5 Europe Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)
- 3.6 China Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)
- 3.7 Japan Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)
- 3.8 Southeast Asia Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)
- 3.9 India Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

# 4 GLOBAL NEUROMORPHIC CHIP SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGIONS (2011-2016)

- 4.1 Global Neuromorphic Chip Consumption by Regions (2011-2016)
- 4.2 North America Neuromorphic Chip Production, Consumption, Export, Import by Regions (2011-2016)
- 4.3 Europe Neuromorphic Chip Production, Consumption, Export, Import by Regions (2011-2016)
- 4.4 China Neuromorphic Chip Production, Consumption, Export, Import by Regions (2011-2016)
- 4.5 Japan Neuromorphic Chip Production, Consumption, Export, Import by Regions (2011-2016)
- 4.6 Southeast Asia Neuromorphic Chip Production, Consumption, Export, Import by Regions (2011-2016)
- 4.7 India Neuromorphic Chip Production, Consumption, Export, Import by Regions (2011-2016)



### 5 GLOBAL NEUROMORPHIC CHIP PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 Global Neuromorphic Chip Production and Market Share by Type (2011-2016)
- 5.2 Global Neuromorphic Chip Revenue and Market Share by Type (2011-2016)
- 5.3 Global Neuromorphic Chip Price by Type (2011-2016)
- 5.4 Global Neuromorphic Chip Production Growth by Type (2011-2016)

#### 6 GLOBAL NEUROMORPHIC CHIP MARKET ANALYSIS BY APPLICATION

- 6.1 Global Neuromorphic Chip Consumption and Market Share by Application (2011-2016)
- 6.2 Global Neuromorphic Chip Consumption Growth Rate by Application (2011-2016)
- 6.3 Market Drivers and Opportunities
  - 6.3.1 Potential Applications
  - 6.3.2 Emerging Markets/Countries

#### 7 GLOBAL NEUROMORPHIC CHIP MANUFACTURERS PROFILES/ANALYSIS

#### 7.1 IBM

- 7.1.1 Company Basic Information, Manufacturing Base and Its Competitors
- 7.1.2 Neuromorphic Chip Product Type, Application and Specification
  - 7.1.2.1 Type I
  - 7.1.2.2 Type II
- 7.1.3 IBM Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 7.1.4 Main Business/Business Overview
- 7.2 Qualcomm
  - 7.2.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.2.2 Neuromorphic Chip Product Type, Application and Specification
    - 7.2.2.1 Type I
    - 7.2.2.2 Type II
- 7.2.3 Qualcomm Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 7.2.4 Main Business/Business Overview
- 7.3 HRL Laboratories
  - 7.3.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.3.2 Neuromorphic Chip Product Type, Application and Specification
    - 7.3.2.1 Type I



7.3.2.2 Type II

7.3.3 HRL Laboratories Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)

7.3.4 Main Business/Business Overview

7.4 General Vision

7.4.1 Company Basic Information, Manufacturing Base and Its Competitors

7.4.2 Neuromorphic Chip Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 General Vision Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)

7.4.4 Main Business/Business Overview

7.5 Audience

7.5.1 Company Basic Information, Manufacturing Base and Its Competitors

7.5.2 Neuromorphic Chip Product Type, Application and Specification

7.5.2.1 Type I

7.5.2.2 Type II

7.5.3 Audience Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)

7.5.4 Main Business/Business Overview

7.6 Numenta

7.6.1 Company Basic Information, Manufacturing Base and Its Competitors

7.6.2 Neuromorphic Chip Product Type, Application and Specification

7.6.2.1 Type I

7.6.2.2 Type II

7.6.3 Numenta Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)

7.6.4 Main Business/Business Overview

7.7 HP

7.7.1 Company Basic Information, Manufacturing Base and Its Competitors

7.7.2 Neuromorphic Chip Product Type, Application and Specification

7.7.2.1 Type I

7.7.2.2 Type II

7.7.3 HP Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)

7.7.4 Main Business/Business Overview

7.8 Samsung Group

7.8.1 Company Basic Information, Manufacturing Base and Its Competitors

7.8.2 Neuromorphic Chip Product Type, Application and Specification



- 7.8.2.1 Type I
- 7.8.2.2 Type II
- 7.8.3 Samsung Group Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)
- 7.8.4 Main Business/Business Overview
- 7.9 Intel
  - 7.9.1 Company Basic Information, Manufacturing Base and Its Competitors
  - 7.9.2 Neuromorphic Chip Product Type, Application and Specification
    - 7.9.2.1 Type I
    - 7.9.2.2 Type II
- 7.9.3 Intel Neuromorphic Chip Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 7.9.4 Main Business/Business Overview

#### **8 NEUROMORPHIC CHIP MANUFACTURING COST ANALYSIS**

- 8.1 Neuromorphic Chip Key Raw Materials Analysis
  - 8.1.1 Key Raw Materials
  - 8.1.2 Price Trend of Key Raw Materials
  - 8.1.3 Key Suppliers of Raw Materials
  - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
  - 8.2.1 Raw Materials
  - 8.2.2 Labor Cost
  - 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Neuromorphic Chip

#### 9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 Neuromorphic Chip Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Neuromorphic Chip Major Manufacturers in 2015
- 9.4 Downstream Buyers

#### 10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
  - 10.1.1 Direct Marketing
  - 10.1.2 Indirect Marketing



- 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
  - 10.2.1 Pricing Strategy
  - 10.2.2 Brand Strategy
  - 10.2.3 Target Client
- 10.3 Distributors/Traders List

#### 11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
  - 11.1.1 Substitutes Threat
  - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

#### 12 GLOBAL NEUROMORPHIC CHIP MARKET FORECAST (2016-2021)

- 12.1 Global Neuromorphic Chip Production, Revenue Forecast (2016-2021)
- 12.2 Global Neuromorphic Chip Production, Consumption Forecast by Regions (2016-2021)
- 12.3 Global Neuromorphic Chip Production Forecast by Type (2016-2021)
- 12.4 Global Neuromorphic Chip Consumption Forecast by Application (2016-2021)
- 12.5 Neuromorphic Chip Price Forecast (2016-2021)

#### 13 RESEARCH FINDINGS AND CONCLUSION

#### **14 APPENDIX**

Disclosure Section
Research Methodology
Data Source
China Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



#### **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Neuromorphic Chip

Figure Global Production Market Share of Neuromorphic Chip by Type in 2015

Figure Product Picture of Type I

Table Major Manufacturers of Type I

Figure Product Picture of Type II

Table Major Manufacturers of Type II

Figure Product Picture of Type III

Table Major Manufacturers of Type III

Table Neuromorphic Chip Consumption Market Share by Application in 2015

Figure Application 1 Examples

Figure Application 2 Examples

Figure Application 3 Examples

Figure North America Neuromorphic Chip Revenue (Million USD) and Growth Rate (2011-2021)

Figure Europe Neuromorphic Chip Revenue (Million USD) and Growth Rate (2011-2021)

Figure China Neuromorphic Chip Revenue (Million USD) and Growth Rate (2011-2021)

Figure Japan Neuromorphic Chip Revenue (Million USD) and Growth Rate (2011-2021)

Figure Southeast Asia Neuromorphic Chip Revenue (Million USD) and Growth Rate (2011-2021)

Figure India Neuromorphic Chip Revenue (Million USD) and Growth Rate (2011-2021)

Figure Global Neuromorphic Chip Revenue (Million UDS) and Growth Rate (2011-2021)

Table Global Neuromorphic Chip Production of Key Manufacturers (2015 and 2016)

Table Global Neuromorphic Chip Production Share by Manufacturers (2015 and 2016)

Figure 2015 Neuromorphic Chip Production Share by Manufacturers

Figure 2016 Neuromorphic Chip Production Share by Manufacturers

Table Global Neuromorphic Chip Revenue (Million USD) by Manufacturers (2015 and 2016)

Table Global Neuromorphic Chip Revenue Share by Manufacturers (2015 and 2016)

Table 2015 Global Neuromorphic Chip Revenue Share by Manufacturers

Table 2016 Global Neuromorphic Chip Revenue Share by Manufacturers

Table Global Market Neuromorphic Chip Average Price of Key Manufacturers (2015 and 2016)

Figure Global Market Neuromorphic Chip Average Price of Key Manufacturers in 2015 Table Manufacturers Neuromorphic Chip Manufacturing Base Distribution and Sales



#### Area

Table Manufacturers Neuromorphic Chip Product Type

Figure Neuromorphic Chip Market Share of Top 3 Manufacturers

Figure Neuromorphic Chip Market Share of Top 5 Manufacturers

Table Global Neuromorphic Chip Production by Regions (2011-2016)

Figure Global Neuromorphic Chip Production and Market Share by Regions (2011-2016)

Figure Global Neuromorphic Chip Production Market Share by Regions (2011-2016)

Figure 2015 Global Neuromorphic Chip Production Market Share by Regions

Table Global Neuromorphic Chip Revenue by Regions (2011-2016)

Table Global Neuromorphic Chip Revenue Market Share by Regions (2011-2016)

Table 2015 Global Neuromorphic Chip Revenue Market Share by Regions

Table Global Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table North America Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table China Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table Southeast Asia Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table India Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Table Global Neuromorphic Chip Consumption Market by Regions (2011-2016)

Table Global Neuromorphic Chip Consumption Market Share by Regions (2011-2016)

Figure Global Neuromorphic Chip Consumption Market Share by Regions (2011-2016)

Figure 2015 Global Neuromorphic Chip Consumption Market Share by Regions

Table North America Neuromorphic Chip Production, Consumption, Import & Export (2011-2016)

Table Europe Neuromorphic Chip Production, Consumption, Import & Export (2011-2016)

Table China Neuromorphic Chip Production, Consumption, Import & Export (2011-2016)

Table Japan Neuromorphic Chip Production, Consumption, Import & Export (2011-2016)

Table Southeast Asia Neuromorphic Chip Production, Consumption, Import & Export



(2011-2016)

(2011-2016)

Table India Neuromorphic Chip Production, Consumption, Import & Export (2011-2016)

Table Global Neuromorphic Chip Production by Type (2011-2016)

Table Global Neuromorphic Chip Production Share by Type (2011-2016)

Figure Production Market Share of Neuromorphic Chip by Type (2011-2016)

Figure 2015 Production Market Share of Neuromorphic Chip by Type

Table Global Neuromorphic Chip Revenue by Type (2011-2016)

Table Global Neuromorphic Chip Revenue Share by Type (2011-2016)

Figure Production Revenue Share of Neuromorphic Chip by Type (2011-2016)

Figure 2015 Revenue Market Share of Neuromorphic Chip by Type

Table Global Neuromorphic Chip Price by Type (2011-2016)

Figure Global Neuromorphic Chip Production Growth by Type (2011-2016)

Table Global Neuromorphic Chip Consumption by Application (2011-2016)

Table Global Neuromorphic Chip Consumption Market Share by Application (2011-2016)

Figure Global Neuromorphic Chip Consumption Market Share by Application in 2015

Table Global Neuromorphic Chip Consumption Growth Rate by Application (2011-2016)

Figure Global Neuromorphic Chip Consumption Growth Rate by Application (2011-2016)

Table IBM Basic Information, Manufacturing Base, Sales Area and Its Competitors Table IBM Neuromorphic Chip Production, Revenue, Price and Gross Margin

Figure IBM Neuromorphic Chip Market Share (2011-2016)

Table Qualcomm Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Qualcomm Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure Qualcomm Neuromorphic Chip Market Share (2011-2016)

Table HRL Laboratories Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table HRL Laboratories Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure HRL Laboratories Neuromorphic Chip Market Share (2011-2016)

Table General Vision Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table General Vision Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure General Vision Neuromorphic Chip Market Share (2011-2016)

Table Audience Basic Information, Manufacturing Base, Sales Area and Its Competitors



Table Audience Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure Audience Neuromorphic Chip Market Share (2011-2016)

Table Numenta Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Numenta Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure Numenta Neuromorphic Chip Market Share (2011-2016)

Table HP Basic Information, Manufacturing Base, Sales Area and Its Competitors Table HP Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure HP Neuromorphic Chip Market Share (2011-2016)

Table Samsung Group Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Samsung Group Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure Samsung Group Neuromorphic Chip Market Share (2011-2016)

Table Intel Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Intel Neuromorphic Chip Production, Revenue, Price and Gross Margin (2011-2016)

Figure Intel Neuromorphic Chip Market Share (2011-2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Neuromorphic Chip

Figure Manufacturing Process Analysis of Neuromorphic Chip

Figure Neuromorphic Chip Industrial Chain Analysis

Table Raw Materials Sources of Neuromorphic Chip Major Manufacturers in 2015

Table Major Buyers of Neuromorphic Chip

Table Distributors/Traders List

Figure Global Neuromorphic Chip Production and Growth Rate Forecast (2016-2021)

Figure Global Neuromorphic Chip Revenue and Growth Rate Forecast (2016-2021)

Table Global Neuromorphic Chip Production Forecast by Regions (2016-2021)

Table Global Neuromorphic Chip Consumption Forecast by Regions (2016-2021)

Table Global Neuromorphic Chip Production Forecast by Type (2016-2021)

Table Global Neuromorphic Chip Consumption Forecast by Application (2016-2021)



#### I would like to order

Product name: Global Neuromorphic Chip Market Research Report 2016
Product link: <a href="https://marketpublishers.com/r/G4ADB32A4E0EN.html">https://marketpublishers.com/r/G4ADB32A4E0EN.html</a>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

### **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G4ADB32A4E0EN.html">https://marketpublishers.com/r/G4ADB32A4E0EN.html</a>

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
	Custumer signature

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

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