

# Global Artificial Intelligence Chips Market Professional Survey Report 2017

https://marketpublishers.com/r/GB9DB18637CEN.html

Date: December 2017

Pages: 104

Price: US\$ 3,500.00 (Single User License)

ID: GB9DB18637CEN

### **Abstracts**

This report studies Artificial Intelligence Chips in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2012 to 2016, and forecast to 2022.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

AMD (Advanced Micro Device)
Google
Intel
NVIDIA
Baidu
Graphcore
Qualcomm

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into



GPU	
ASIC	
FPG	A
CPU	
By Application	on, the market can be split into
HPC	Al Chips
Term	ninal Al Chips
By Regions,	this report covers (we can add the regions/countries as you want)
North	n America
China	a
Euro	ре
Sout	heast Asia
Japa	n
India	
If you have a as you want.	any special requirements, please let us know and we will offer you the report



### **Contents**

Global Artificial Intelligence Chips Market Professional Survey Report 2017

#### 1 INDUSTRY OVERVIEW OF ARTIFICIAL INTELLIGENCE CHIPS

- 1.1 Definition and Specifications of Artificial Intelligence Chips
  - 1.1.1 Definition of Artificial Intelligence Chips
  - 1.1.2 Specifications of Artificial Intelligence Chips
- 1.2 Classification of Artificial Intelligence Chips
  - 1.2.1 GPU
  - 1.2.2 ASIC
  - 1.2.3 FPGA
- 1.2.4 CPU
- 1.3 Applications of Artificial Intelligence Chips
  - 1.3.1 HPC AI Chips
  - 1.3.2 Terminal Al Chips
  - 1.3.3 Application
- 1.4 Market Segment by Regions
  - 1.4.1 North America
  - 1.4.2 China
  - 1.4.3 Europe
  - 1.4.4 Southeast Asia
  - 1.4.5 Japan
  - 1.4.6 India

# 2 MANUFACTURING COST STRUCTURE ANALYSIS OF ARTIFICIAL INTELLIGENCE CHIPS

- 2.1 Raw Material and Suppliers
- 2.2 Manufacturing Cost Structure Analysis of Artificial Intelligence Chips
- 2.3 Manufacturing Process Analysis of Artificial Intelligence Chips
- 2.4 Industry Chain Structure of Artificial Intelligence Chips

# 3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF ARTIFICIAL INTELLIGENCE CHIPS

3.1 Capacity and Commercial Production Date of Global Artificial Intelligence Chips Major Manufacturers in 2016



- 3.2 Manufacturing Plants Distribution of Global Artificial Intelligence Chips Major Manufacturers in 2016
- 3.3 R&D Status and Technology Source of Global Artificial Intelligence Chips Major Manufacturers in 2016
- 3.4 Raw Materials Sources Analysis of Global Artificial Intelligence Chips Major Manufacturers in 2016

#### 4 GLOBAL ARTIFICIAL INTELLIGENCE CHIPS OVERALL MARKET OVERVIEW

- 4.1 2012-2017E Overall Market Analysis
- 4.2 Capacity Analysis
- 4.2.1 2012-2017E Global Artificial Intelligence Chips Capacity and Growth Rate Analysis
  - 4.2.2 2016 Artificial Intelligence Chips Capacity Analysis (Company Segment)
- 4.3 Sales Analysis
  - 4.3.1 2012-2017E Global Artificial Intelligence Chips Sales and Growth Rate Analysis
  - 4.3.2 2016 Artificial Intelligence Chips Sales Analysis (Company Segment)
- 4.4 Sales Price Analysis
  - 4.4.1 2012-2017E Global Artificial Intelligence Chips Sales Price
  - 4.4.2 2016 Artificial Intelligence Chips Sales Price Analysis (Company Segment)

#### **5 ARTIFICIAL INTELLIGENCE CHIPS REGIONAL MARKET ANALYSIS**

- 5.1 North America Artificial Intelligence Chips Market Analysis
- 5.1.1 North America Artificial Intelligence Chips Market Overview
- 5.1.2 North America 2012-2017E Artificial Intelligence Chips Local Supply, Import, Export, Local Consumption Analysis
  - 5.1.3 North America 2012-2017E Artificial Intelligence Chips Sales Price Analysis
- 5.1.4 North America 2016 Artificial Intelligence Chips Market Share Analysis
- 5.2 China Artificial Intelligence Chips Market Analysis
  - 5.2.1 China Artificial Intelligence Chips Market Overview
- 5.2.2 China 2012-2017E Artificial Intelligence Chips Local Supply, Import, Export, Local Consumption Analysis
- 5.2.3 China 2012-2017E Artificial Intelligence Chips Sales Price Analysis
- 5.2.4 China 2016 Artificial Intelligence Chips Market Share Analysis
- 5.3 Europe Artificial Intelligence Chips Market Analysis
  - 5.3.1 Europe Artificial Intelligence Chips Market Overview
- 5.3.2 Europe 2012-2017E Artificial Intelligence Chips Local Supply, Import, Export, Local Consumption Analysis



- 5.3.3 Europe 2012-2017E Artificial Intelligence Chips Sales Price Analysis
- 5.3.4 Europe 2016 Artificial Intelligence Chips Market Share Analysis
- 5.4 Southeast Asia Artificial Intelligence Chips Market Analysis
  - 5.4.1 Southeast Asia Artificial Intelligence Chips Market Overview
- 5.4.2 Southeast Asia 2012-2017E Artificial Intelligence Chips Local Supply, Import, Export, Local Consumption Analysis
- 5.4.3 Southeast Asia 2012-2017E Artificial Intelligence Chips Sales Price Analysis
- 5.4.4 Southeast Asia 2016 Artificial Intelligence Chips Market Share Analysis
- 5.5 Japan Artificial Intelligence Chips Market Analysis
  - 5.5.1 Japan Artificial Intelligence Chips Market Overview
- 5.5.2 Japan 2012-2017E Artificial Intelligence Chips Local Supply, Import, Export, Local Consumption Analysis
- 5.5.3 Japan 2012-2017E Artificial Intelligence Chips Sales Price Analysis
- 5.5.4 Japan 2016 Artificial Intelligence Chips Market Share Analysis
- 5.6 India Artificial Intelligence Chips Market Analysis
  - 5.6.1 India Artificial Intelligence Chips Market Overview
- 5.6.2 India 2012-2017E Artificial Intelligence Chips Local Supply, Import, Export, Local Consumption Analysis
- 5.6.3 India 2012-2017E Artificial Intelligence Chips Sales Price Analysis
- 5.6.4 India 2016 Artificial Intelligence Chips Market Share Analysis

# 6 GLOBAL 2012-2017E ARTIFICIAL INTELLIGENCE CHIPS SEGMENT MARKET ANALYSIS (BY TYPE)

- 6.1 Global 2012-2017E Artificial Intelligence Chips Sales by Type
- 6.2 Different Types of Artificial Intelligence Chips Product Interview Price Analysis
- 6.3 Different Types of Artificial Intelligence Chips Product Driving Factors Analysis
- 6.3.1 GPU of Artificial Intelligence Chips Growth Driving Factor Analysis
- 6.3.2 ASIC of Artificial Intelligence Chips Growth Driving Factor Analysis
- 6.3.3 FPGA of Artificial Intelligence Chips Growth Driving Factor Analysis
- 6.3.4 CPU of Artificial Intelligence Chips Growth Driving Factor Analysis

# 7 GLOBAL 2012-2017E ARTIFICIAL INTELLIGENCE CHIPS SEGMENT MARKET ANALYSIS (BY APPLICATION)

- 7.1 Global 2012-2017E Artificial Intelligence Chips Consumption by Application
- 7.2 Different Application of Artificial Intelligence Chips Product Interview Price Analysis
- 7.3 Different Application of Artificial Intelligence Chips Product Driving Factors Analysis
  - 7.3.1 HPC AI Chips of Artificial Intelligence Chips Growth Driving Factor Analysis



### 7.3.2 Terminal AI Chips of Artificial Intelligence Chips Growth Driving Factor Analysis

#### 8 MAJOR MANUFACTURERS ANALYSIS OF ARTIFICIAL INTELLIGENCE CHIPS

- 8.1 AMD (Advanced Micro Device)
  - 8.1.1 Company Profile
  - 8.1.2 Product Picture and Specifications
    - 8.1.2.1 Product A
    - 8.1.2.2 Product B
- 8.1.3 AMD (Advanced Micro Device) 2016 Artificial Intelligence Chips Sales, Exfactory Price, Revenue, Gross Margin Analysis
- 8.1.4 AMD (Advanced Micro Device) 2016 Artificial Intelligence Chips Business Region Distribution Analysis
- 8.2 Google
  - 8.2.1 Company Profile
  - 8.2.2 Product Picture and Specifications
    - 8.2.2.1 Product A
    - 8.2.2.2 Product B
- 8.2.3 Google 2016 Artificial Intelligence Chips Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.2.4 Google 2016 Artificial Intelligence Chips Business Region Distribution Analysis 8.3 Intel
  - 8.3.1 Company Profile
  - 8.3.2 Product Picture and Specifications
    - 8.3.2.1 Product A
    - 8.3.2.2 Product B
- 8.3.3 Intel 2016 Artificial Intelligence Chips Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.3.4 Intel 2016 Artificial Intelligence Chips Business Region Distribution Analysis
- 8.4 NVIDIA
  - 8.4.1 Company Profile
  - 8.4.2 Product Picture and Specifications
    - 8.4.2.1 Product A
    - 8.4.2.2 Product B
- 8.4.3 NVIDIA 2016 Artificial Intelligence Chips Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.4.4 NVIDIA 2016 Artificial Intelligence Chips Business Region Distribution Analysis 8.5 Baidu
- 8.5.1 Company Profile



- 8.5.2 Product Picture and Specifications
  - 8.5.2.1 Product A
  - 8.5.2.2 Product B
- 8.5.3 Baidu 2016 Artificial Intelligence Chips Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.5.4 Baidu 2016 Artificial Intelligence Chips Business Region Distribution Analysis 8.6 Graphcore
  - 8.6.1 Company Profile
  - 8.6.2 Product Picture and Specifications
    - 8.6.2.1 Product A
    - 8.6.2.2 Product B
- 8.6.3 Graphcore 2016 Artificial Intelligence Chips Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.6.4 Graphcore 2016 Artificial Intelligence Chips Business Region Distribution Analysis
- 8.7 Qualcomm
  - 8.7.1 Company Profile
  - 8.7.2 Product Picture and Specifications
    - 8.7.2.1 Product A
    - 8.7.2.2 Product B
- 8.7.3 Qualcomm 2016 Artificial Intelligence Chips Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.7.4 Qualcomm 2016 Artificial Intelligence Chips Business Region Distribution Analysis

# 9 DEVELOPMENT TREND OF ANALYSIS OF ARTIFICIAL INTELLIGENCE CHIPS MARKET

- 9.1 Global Artificial Intelligence Chips Market Trend Analysis
- 9.1.1 Global 2017-2022 Artificial Intelligence Chips Market Size (Volume and Value) Forecast
- 9.1.2 Global 2017-2022 Artificial Intelligence Chips Sales Price Forecast
- 9.2 Artificial Intelligence Chips Regional Market Trend
  - 9.2.1 North America 2017-2022 Artificial Intelligence Chips Consumption Forecast
  - 9.2.2 China 2017-2022 Artificial Intelligence Chips Consumption Forecast
  - 9.2.3 Europe 2017-2022 Artificial Intelligence Chips Consumption Forecast
  - 9.2.4 Southeast Asia 2017-2022 Artificial Intelligence Chips Consumption Forecast
  - 9.2.5 Japan 2017-2022 Artificial Intelligence Chips Consumption Forecast
  - 9.2.6 India 2017-2022 Artificial Intelligence Chips Consumption Forecast



- 9.3 Artificial Intelligence Chips Market Trend (Product Type)
- 9.4 Artificial Intelligence Chips Market Trend (Application)

#### 10 ARTIFICIAL INTELLIGENCE CHIPS MARKETING TYPE ANALYSIS

- 10.1 Artificial Intelligence Chips Regional Marketing Type Analysis
- 10.2 Artificial Intelligence Chips International Trade Type Analysis
- 10.3 Traders or Distributors with Contact Information of Artificial Intelligence Chips by Region
- 10.4 Artificial Intelligence Chips Supply Chain Analysis

### 11 CONSUMERS ANALYSIS OF ARTIFICIAL INTELLIGENCE CHIPS

- 11.1 Consumer 1 Analysis
- 11.2 Consumer 2 Analysis
- 11.3 Consumer 3 Analysis
- 11.4 Consumer 4 Analysis

# 12 CONCLUSION OF THE GLOBAL ARTIFICIAL INTELLIGENCE CHIPS MARKET PROFESSIONAL SURVEY REPORT 2017

Methodology
Analyst Introduction
Data Source

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 Artificial Intelligence Chips

Table Product Specifications of Artificial Intelligence Chips

Table Classification of Artificial Intelligence Chips

Figure Global Production Market Share of Artificial Intelligence Chips by Type in 2016

Figure GPU Picture

Table Major Manufacturers of GPU

Figure ASIC Picture

Table Major Manufacturers of ASIC

Figure FPGA Picture

Table Major Manufacturers of FPGA

Figure CPU Picture

Table Major Manufacturers of CPU

Table Applications of Artificial Intelligence Chips

Figure Global Consumption Volume Market Share of Artificial Intelligence Chips by

Application in 2016

Figure HPC AI Chips Examples

Table Major Consumers in HPC AI Chips

Figure Terminal AI Chips Examples

Table Major Consumers in Terminal AI Chips

Figure Market Share of Artificial Intelligence Chips by Regions

Figure North America Artificial Intelligence Chips Market Size (Million USD) (2012-2022)

Figure China Artificial Intelligence Chips Market Size (Million USD) (2012-2022)

Figure Europe Artificial Intelligence Chips Market Size (Million USD) (2012-2022)

Figure Southeast Asia Artificial Intelligence Chips Market Size (Million USD) (2012-2022)

Figure Japan Artificial Intelligence Chips Market Size (Million USD) (2012-2022)

Figure India Artificial Intelligence Chips Market Size (Million USD) (2012-2022)

Table Artificial Intelligence Chips Raw Material and Suppliers

Table Manufacturing Cost Structure Analysis of Artificial Intelligence Chips in 2016

Figure Manufacturing Process Analysis of Artificial Intelligence Chips

Figure Industry Chain Structure of Artificial Intelligence Chips

Table Capacity and Commercial Production Date of Global Artificial Intelligence Chips

Major Manufacturers in 2016

Table Manufacturing Plants Distribution of Global Artificial Intelligence Chips Major Manufacturers in 2016



Table R&D Status and Technology Source of Global Artificial Intelligence Chips Major Manufacturers in 2016

Table Raw Materials Sources Analysis of Global Artificial Intelligence Chips Major Manufacturers in 2016

Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin of Artificial Intelligence Chips 2012-2017

Figure Global 2012-2017E Artificial Intelligence Chips Market Size (Volume) and Growth Rate

Figure Global 2012-2017E Artificial Intelligence Chips Market Size (Value) and Growth Rate

Table 2012-2017E Global Artificial Intelligence Chips Capacity and Growth Rate

Table 2016 Global Artificial Intelligence Chips Capacity (Units) List (Company Segment)

Table 2012-2017E Global Artificial Intelligence Chips Sales (Units) and Growth Rate

Table 2016 Global Artificial Intelligence Chips Sales (Units) List (Company Segment)

Table 2012-2017E Global Artificial Intelligence Chips Sales Price (K USD/Unit)

Table 2016 Global Artificial Intelligence Chips Sales Price (K USD/Unit) List (Company Segment)

Figure North America Capacity Overview

Table North America Supply, Import, Export and Consumption (Units) of Artificial Intelligence Chips 2012-2017E

Figure North America 2012-2017E Artificial Intelligence Chips Sales Price (K USD/Unit)

Figure North America 2016 Artificial Intelligence Chips Sales Market Share

Figure China Capacity Overview

Table China Supply, Import, Export and Consumption (Units) of Artificial Intelligence Chips 2012-2017E

Figure China 2012-2017E Artificial Intelligence Chips Sales Price (K USD/Unit)

Figure China 2016 Artificial Intelligence Chips Sales Market Share

Figure Europe Capacity Overview

Table Europe Supply, Import, Export and Consumption (Units) of Artificial Intelligence Chips 2012-2017E

Figure Europe 2012-2017E Artificial Intelligence Chips Sales Price (K USD/Unit)

Figure Europe 2016 Artificial Intelligence Chips Sales Market Share

Figure Southeast Asia Capacity Overview

Table Southeast Asia Supply, Import, Export and Consumption (Units) of Artificial Intelligence Chips 2012-2017E

Figure Southeast Asia 2012-2017E Artificial Intelligence Chips Sales Price (K USD/Unit)

Figure Southeast Asia 2016 Artificial Intelligence Chips Sales Market Share

Figure Japan Capacity Overview

Table Japan Supply, Import, Export and Consumption (Units) of Artificial Intelligence



Chips 2012-2017E

Figure Japan 2012-2017E Artificial Intelligence Chips Sales Price (K USD/Unit)

Figure Japan 2016 Artificial Intelligence Chips Sales Market Share

Figure India Capacity Overview

Table India Supply, Import, Export and Consumption (Units) of Artificial Intelligence Chips 2012-2017E

Figure India 2012-2017E Artificial Intelligence Chips Sales Price (K USD/Unit)

Figure India 2016 Artificial Intelligence Chips Sales Market Share

Table Global 2012-2017E Artificial Intelligence Chips Sales (Units) by Type

Table Different Types Artificial Intelligence Chips Product Interview Price

Table Global 2012-2017E Artificial Intelligence Chips Sales (Units) by Application

Table Different Application Artificial Intelligence Chips Product Interview Price

Table AMD (Advanced Micro Device) Information List

Table Product A Overview

Table Product B Overview

Table 2016 AMD (Advanced Micro Device) Artificial Intelligence Chips Revenue (Million

USD), Sales (Units), Ex-factory Price (K USD/Unit)

Figure 2016 AMD (Advanced Micro Device) Artificial Intelligence Chips Business

Region Distribution

**Table Google Information List** 

**Table Product A Overview** 

Table Product B Overview

Table 2016 Google Artificial Intelligence Chips Revenue (Million USD), Sales (Units), Ex-

factory Price (K USD/Unit)

Figure 2016 Google Artificial Intelligence Chips Business Region Distribution

**Table Intel Information List** 

Table Product A Overview

Table Product B Overview

Table 2015 Intel Artificial Intelligence Chips Revenue (Million USD), Sales (Units), Ex-

factory Price (K USD/Unit)

Figure 2016 Intel Artificial Intelligence Chips Business Region Distribution

Table NVIDIA Information List

**Table Product A Overview** 

Table Product B Overview

Table 2016 NVIDIA Artificial Intelligence Chips Revenue (Million USD), Sales (Units),

Ex-factory Price (K USD/Unit)

Figure 2016 NVIDIA Artificial Intelligence Chips Business Region Distribution

Table Baidu Information List

Table Product A Overview



**Table Product B Overview** 

Table 2016 Baidu Artificial Intelligence Chips Revenue (Million USD), Sales (Units), Exfactory Price (K USD/Unit)

Figure 2016 Baidu Artificial Intelligence Chips Business Region Distribution

**Table Graphcore Information List** 

**Table Product A Overview** 

**Table Product B Overview** 

Table 2016 Graphcore Artificial Intelligence Chips Revenue (Million USD), Sales (Units), Ex-factory Price (K USD/Unit)

Figure 2016 Graphcore Artificial Intelligence Chips Business Region Distribution Table Qualcomm Information List

Table Product A Overview

Table Product B Overview

Table 2016 Qualcomm Artificial Intelligence Chips Revenue (Million USD), Sales (Units), Ex-factory Price (K USD/Unit)

Figure 2016 Qualcomm Artificial Intelligence Chips Business Region Distribution Figure Global 2017-2022 Artificial Intelligence Chips Market Size (Units) and Growth Rate Forecast

Figure Global 2017-2022 Artificial Intelligence Chips Market Size (Million USD) and Growth Rate Forecast

Figure Global 2017-2022 Artificial Intelligence Chips Sales Price (K USD/Unit) Forecast Figure North America 2017-2022 Artificial Intelligence Chips Consumption Volume (Units) and Growth Rate Forecast

Figure China 2017-2022 Artificial Intelligence Chips Consumption Volume (Units) and Growth Rate Forecast

Figure Europe 2017-2022 Artificial Intelligence Chips Consumption Volume (Units) and Growth Rate Forecast

Figure Southeast Asia 2017-2022 Artificial Intelligence Chips Consumption Volume (Units) and Growth Rate Forecast

Figure Japan 2017-2022 Artificial Intelligence Chips Consumption Volume (Units) and Growth Rate Forecast

Figure India 2017-2022 Artificial Intelligence Chips Consumption Volume (Units) and Growth Rate Forecast

Table Global Sales Volume (Units) of Artificial Intelligence Chips by Type 2017-2022

Table Global Consumption Volume (Units) of Artificial Intelligence Chips by Application 2017-2022

Table Traders or Distributors with Contact Information of Artificial Intelligence Chips by Region



### I would like to order

Product name: Global Artificial Intelligence Chips Market Professional Survey Report 2017

Product link: <a href="https://marketpublishers.com/r/GB9DB18637CEN.html">https://marketpublishers.com/r/GB9DB18637CEN.html</a>

Price: US\$ 3,500.00 (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/GB9DB18637CEN.html">https://marketpublishers.com/r/GB9DB18637CEN.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