

Global and China Mobile PC Casing (Enclosure) Industry Report, 2012-2013

<https://marketpublishers.com/r/GB393EA9ADAEN.html>

Date: December 2012

Pages: 98

Price: US\$ 2,100.00 (Single User License)

ID: GB393EA9ADAEN

Abstracts

The report covers the followings:

- Global and Chinese PC markets

- Global and China Mobile PC industry

- Notebook and tablet PC casing industry

- 5 leading notebook and tablet PC OEMs

- 18 notebook and tablet PC casing manufacturers

In 2012, it becomes the most conspicuous trend of notebook casing that the surfaces A, B, C and D employ different materials. The main reason lies in the popularity of Apple Unibody aluminum alloy casing; consequently, other peers follow up Apple's aluminum alloy casing so as to maintain their market share. Yet, it takes a long time and considerable capacity to produce Unibody aluminum alloy casing. The capacity of Unibody aluminum alloy casing giants Foxconn and Catcher has been fully occupied by Apple.

The emergence of Ultrabook has also driven the change of materials for notebook casing. Ultrabook's A-side is very thin and has touch screen function, so it requires high strength; what's more, A side determines the outer appearance to the maximum extent. In accordance with the cost of A side, the most expensive material comes to carbon fiber textile reinforce or magnesium alloy die casting, followed by aluminum stamping.

However, the appearance of carbon fiber is not flexible enough; and the strength of CFRP remains nearly the same as that of magnesium alloy.

B side is usually linked with A side, made of plastic.

The cost of C side is the highest. C side not only accommodates the keyboard, but also supports various structural parts. Therefore, C side should have the highest strength. Due to complex shape and time-consuming processing, C side is more expensive than A side. The cost of Apple's Unibody aluminum alloy CNC ranks first, and magnesium alloy casting ranks second.

D side also plays an exceedingly important role in the Ultrabook field. Being ultra thin, the heat dissipation problem of Ultrabook should be paid attention to. Ultrabook uses flat LiPolymer battery, which requires a sufficiently high strength. In accordance with the cost of D side, the most expensive material is carbon fiber textile reinforce or magnesium alloy die casting, followed by aluminum stamping, then glass fiber reinforce, and the worst is plastic.

For medium and high-end notebooks, A side is made of aluminum alloy stamping, B side plastic, C side magnesium alloy die casting, and D side glass fiber reinforced plastic or aluminum alloy stamping. Low-end ones still adopt plastic casing. High-end ones utilize CFRP or magnesium alloy die casting for A side, plastic for B side, Unibody for C side, and carbon fiber woven cloth reinforce or magnesium alloy stamping for D side. Medium-end ones also probably make use of glass fiber reinforced plastic casing.

The notebook casing industry scale soared by 11.1% to USD5,620 million in 2012, and it is expected to grow by 10.9% to USD6,130 million in 2013. The notebook output is on the decline, but the notebook casing market size still maintains the growth rate of about 10% due to the wide application of metal casing. In 2012, the tablet PC enclosure industry generated USD2,096 million, rising 49.5% from a year earlier; and the value is expected to ascend by 33.7% to USD2,803 million in 2013.

The casing of iPad2 costs about USD25. Because the thickness of iPad mini casing becomes as thin as 7.2mm, the casing process of iPad mini is more complicated than that of New iPad, and the surface treatment of iPad mini is also more difficult. As a result, it takes more time to process iPad mini casing with the unit price as high as USD20.

Samsung employs iPhone-like design, and it applies glass to front panels and plastic to

the rest parts. Google Nexus 7 casing is completely made of plastic, which lowers the cost to USD10 or so, and the casing is supplied by Quanta's Zhanyun. Amazon's first generation Kindle is equipped with plastic casing with the cost of USD10, while the second generation one with aluminum alloy stamping backplane with the cost of about USD14. The first generation Kindle casing is provided by Zhanyun, whereas the second generation casing is offered by Ju Teng.

Foxconn Technology, Catcher and CASETEK sweep all casing orders for all Apple's products, so their performance witnesses steady growth, and they are admired. The plastic casing giant Ju Teng improved the metal casing business substantially in 2012, so that its revenue and profit were raised significantly.

Contents

1 GLOBAL PC MARKET

- 1.1 Global PC Market Size
- 1.2 Notebook Market
- 1.3 Chinese Notebook Market
- 1.4 Ultrabook Market
- 1.5 Tablet PC Market

2 MOBILE PC INDUSTRY

- 2.1 Notebook Industry
- 2.2 Notebook ODM
- 2.3 Tablet PC Industry
- 2.4 China Mobile PC Industry

3 NOTEBOOK AND TABLET PC CASING & INTERNAL COMPONENTS INDUSTRY

- 3.1 Brief Introduction to Glass Fiber Casing
- 3.2 Metal Casing and Internal Components
- 3.3 Carbon Fiber Casing
- 3.4 Contrast between Various Notebook Casing Materials
- 3.5 Development Trends of Notebook Casing
- 3.6 Mobile PC Casing Industry Scale
- 3.7 Ranking in Mobile PC Casing Industry

4 MOBILE PC OEMS

- 4.1 Quanta
- 4.2 Compal
- 4.3 Wistron
- 4.4 Inventec Inventec
- 4.5 Pegatron

5 MOBILE PC CASING MANUFACTURERS

- 5.1 Ju Teng
- 5.2 Huan Hsin

- 5.3 Catcher
- 5.4 Waffer
- 5.5 Shengmei
- 5.6 Zhanyun
- 5.7 Casetek
- 5.8 Chia Chang
- 5.9 Dragon Tech Precision
- 5.10 Sentien
- 5.11 Pttech
- 5.12 Foxconn
- 5.13 Kangzhun Electronic Technology
- 5.14 Chunqiu Technology
- 5.15 Mobase
- 5.16 Intops
- 5.17 Hamagawa
- 5.18 Getac

Selected Charts

SELECTED CHARTS

Global PC Shipment, 2007-2013

Global DT Shipment, 2007-2013

Market Share of Global Top Five PC Vendors, Q3 2011-Q3 2012

Global Shipment of Notebooks, 2007-2013

China's Shipment of Notebooks, 2003-2012

Market Share of Major Notebook Vendors in China, 2009-2012

Ultrabook Market Size, 2011-2016

Tablet PC Shipment, 2010-2016

Market Share of Major Tablet PC Vendors, 2011-2013

Shipment of Major Notebook Brands, 2010-2013

Market Share of Major Notebook OEMs, 2006 vs 2008

Relationship between Global Notebook Brand Vendors and OEMs and Shipment Ratio, 2010

Relationship between Global Notebook Brand Vendors and OEMs and Shipment Ratio, 2011

Relationship between Global Notebook Brand Vendors and OEMs and Shipment Ratio, 2012-2013

Output of Major Tablet PC Vendors, 2012-2013

China's Laptop Computer Output (including Tablet PC), 2004-2012

China's Laptop Computer Output (including Tablet PC) by Region, 2010-2012

Notebook Casing Industry Scale, 2009-2015

Notebook Shipment by Casing Material, 2011-2015

Tablet PC Casing and Internal Components Industry Scale, 2011-2016

Ranking of Major Mobile PC Casing Manufacturers by Revenue, 2011-2012

Market Share of Major Notebook Casing Manufacturers, 2012

Market Share of Major Tablet PC Casing Manufacturers, 2012

Quanta's Revenue and Gross Margin, 2001-2012

Quanta's Revenue and Growth Rate, Jan. 2011-Dec. 2012

Quanta's Notebook Shipment and Growth Rate, 2004-2012

Quanta's Revenue by Region, 2008-2011

Quanta's Revenue by Product, 2007-2012

Quanta's Revenue by Client, 2007-2011

Compal's Global Presence

Compal's Revenue and Gross Margin, 2003-2012

Compal's Monthly Revenue and YoY Growth Rate, Jan. 2011-Dec. 2012

Compal's Notebook Shipment and Growth Rate, 2007-2012
Compal's Revenue by Client, 2007-2012
Output of Compal China, 2009-2011
Revenue and Gross Margin of Wistron, 2003-2012
Notebook Shipment and Growth Rate of Wistron, 2004-2012
Revenue Structure of Wistron by Product, 2005-2012
Notebook Shipment of Wistron China, 2009-2011
Inventec's Organizational Structure
Inventec's Revenue and Gross Margin, 2003-2012
Inventec's Monthly Revenue, Jan. 2011-Nov. 2012
Pegatron's Organizational Structure
Pegatron's Revenue and Operating Margin, 2008-2013
Pegatron's Revenue by Product, 2011-2013
Revenue and EBIT of Ju Teng, 2004-2012
Revenue and Gross Margin of Ju Teng, 2006-2012
Organizational Structure of Ju Teng
Client Distribution of Ju Teng, 2009-2012
Revenue and Pre-Tax Profit of Huan Hsin, 2003-2012
Revenue of Huan Hsin by Product, 2009-2012
Catcher's Revenue and Operating Margin, 2004-2012
Catcher's Monthly Revenue, Jan. 2011-Dec. 2012
Catcher's Revenue by Client, 2011-2012
Catcher's Revenue by Application, 2010-2013
Financial Performance of Catcher's Subsidiaries in Mainland China, 2010-2011
Waffer's Revenue and Gross Margin, 2003-2012
Casetek's Organizational Structure
Casetek's Revenue and Gross Margin, 2009-2013
Casetek's Revenue and Operating Margin, 2009-2013
Casetek's Revenue by Application, 2009-2012
Revenue and Operating Margin of Chia Chang, 2008-2012
Monthly Revenue of Chia Chang, Jan. 2011-Dec. 2012
Revenue of Chia Chang by Application, Q3 2010-Q2 2011
Shipment of Chia Chang by Application, Q3 2010-Q2 2011
Revenue of Chia Chang by Product, Q3 2010-Q2 2011
Shipment of Chia Chang by Product, Q3 2010-Q2 2011
Revenue and Operating Margin of Sentien, 2007-2012
Monthly Revenue of Sentien, Jan. 2011-Dec. 2012
Revenue and Operating Margin of Pttech, 2006-2012
Monthly Revenue of Pttech, Jan. 2011-Dec. 2012

Revenue and Operating Margin of Foxconn, 2004-2012

Monthly Revenue of Foxconn, Jan. 2011-Dec. 2012

Revenue and Operating Profit of Foxconn's Subsidiaries in Mainland China, 2008-2011

Revenue and Operating Profit of Mobase, 2007-2013

Revenue and Operating Margin of INTOPS, 2004-2013

Revenue and Gross Margin of Hamagawa, 2008-2013

Monthly Revenue of Hamagawa, Jan. 2011-Dec. 2012

Revenue and Gross Margin of Getac, 2007-2013

Monthly Revenue of Getac, Jan. 2011-Dec. 2012

Revenue of Getac by Business, 2011-2012

I would like to order

Product name: Global and China Mobile PC Casing (Enclosure) Industry Report, 2012-2013

Product link: <https://marketpublishers.com/r/GB393EA9ADAEN.html>

Price: US\$ 2,100.00 (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 <https://marketpublishers.com/r/GB393EA9ADAEN.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