Lex SYSTEM®

EMBEDDED SOLUTION
COMPANY PROFILE 2016 v01

COMPANY SNAPSHOT

Company Overview

Founded in 1990 and based in Taipei, Taiwan, Capital US$3 million.

We're specialize in the design and manufacture of motherboards, Panel PCs, barebones, accessories and embedded systems.

Overseas branches and representative offices in Europe, Asia, Russia and the US.

Products could be applied to the uses of Internet Appliance (IA), Digital Video Recorder (DVR), Intelligent Transportation/Railway, PoE IP Surveillance, Network Application Storage (NAS), Network Application Devices (NAD), Kiosk, and Point of Sale (POS),.Automation Control and Mobile Medical.

Design and manufacture on our own, OEM/ODM is welcomed!

Specialized in the **Design** and **Manufacture** of motherboards, Panel PCs, accessories & embedded systems

Company Milestones

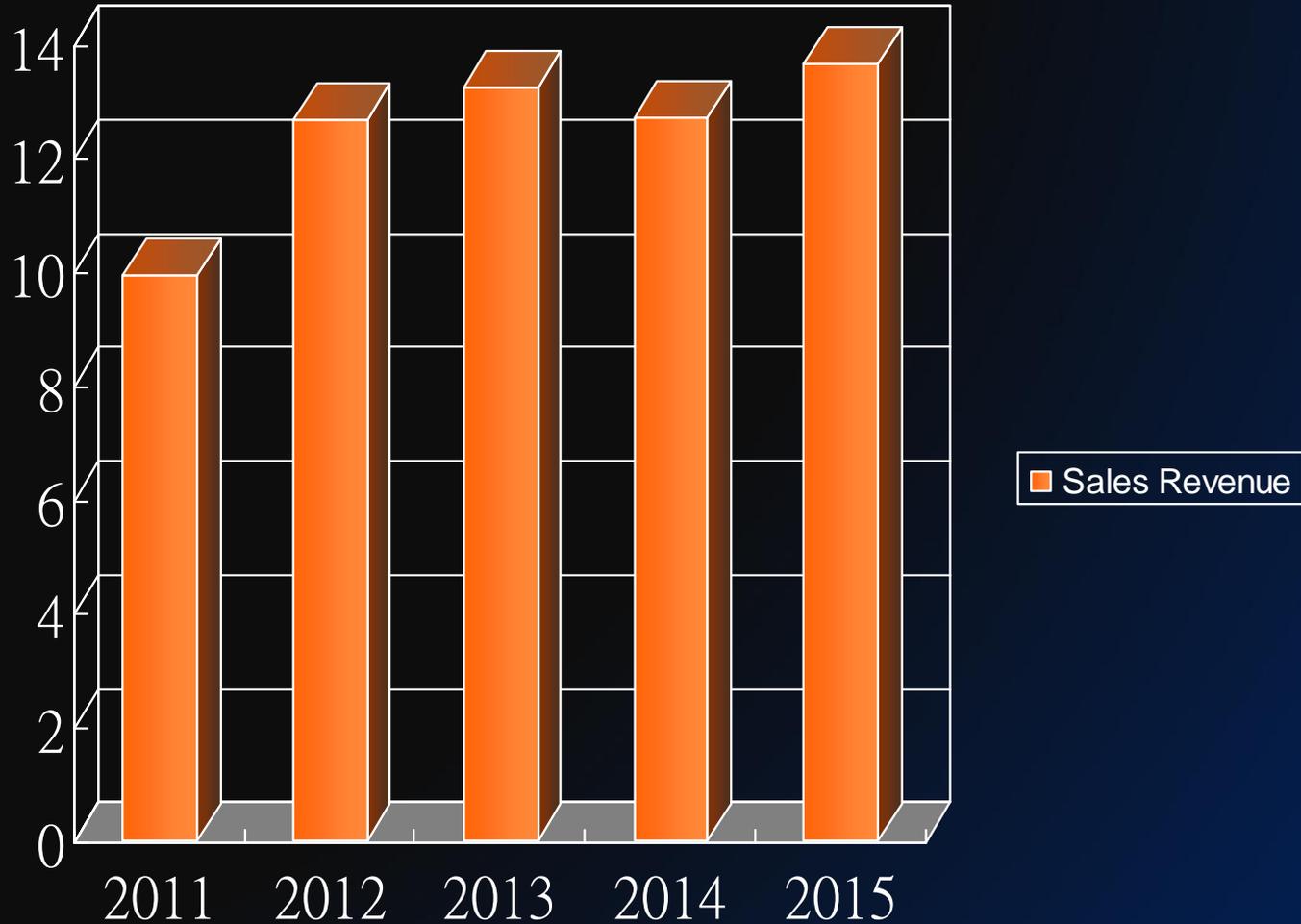**1990** Founded in Taipei, Taiwan.

1993 Netherlands sales representative was established, sells computer parts in Europe under the logo "Mentor" and "Lex".

1994 Began to develop the Netherlands, Belgium and Luxembourg markets.

1996 Began to develop the Spain and Italy markets.

1999 UK and Germany sales representative were established.

2000 Built partnership with Synertron for the US market.

2002 Formed R&D team and began research on Embedded System.
LEXCOM was founded in Netherlands which is in charge of the Embedded market in Europe.

2004 ISO 9001 and ISO 14000 certified.

2005 PowerView Netherlands was established to develop Europe security market.

2006 PowerView Italy was established.

2007 Became major shareholder (80%) of TD Computech for motherboard production.

2008 Became major shareholder (75%) of Panacom for security product.

2009 Began to develop the Japan market.

2010 Japan sales representative was established.

2011 The winner of the COMPUTEX TAIPEI D&I awards

2012 The winner of the iF design awards
The winner of red dot design awards
Apply as the Certified HDMI Adopter

2013 Achieved Intel® Internet of Things General Member
Car PC (Cube) got the E-Mark(E13) Certificate

2014 Tiger (PC PoE Surveillance) System got the E-Mark Certificate

2015 LEX product got the UL Approval
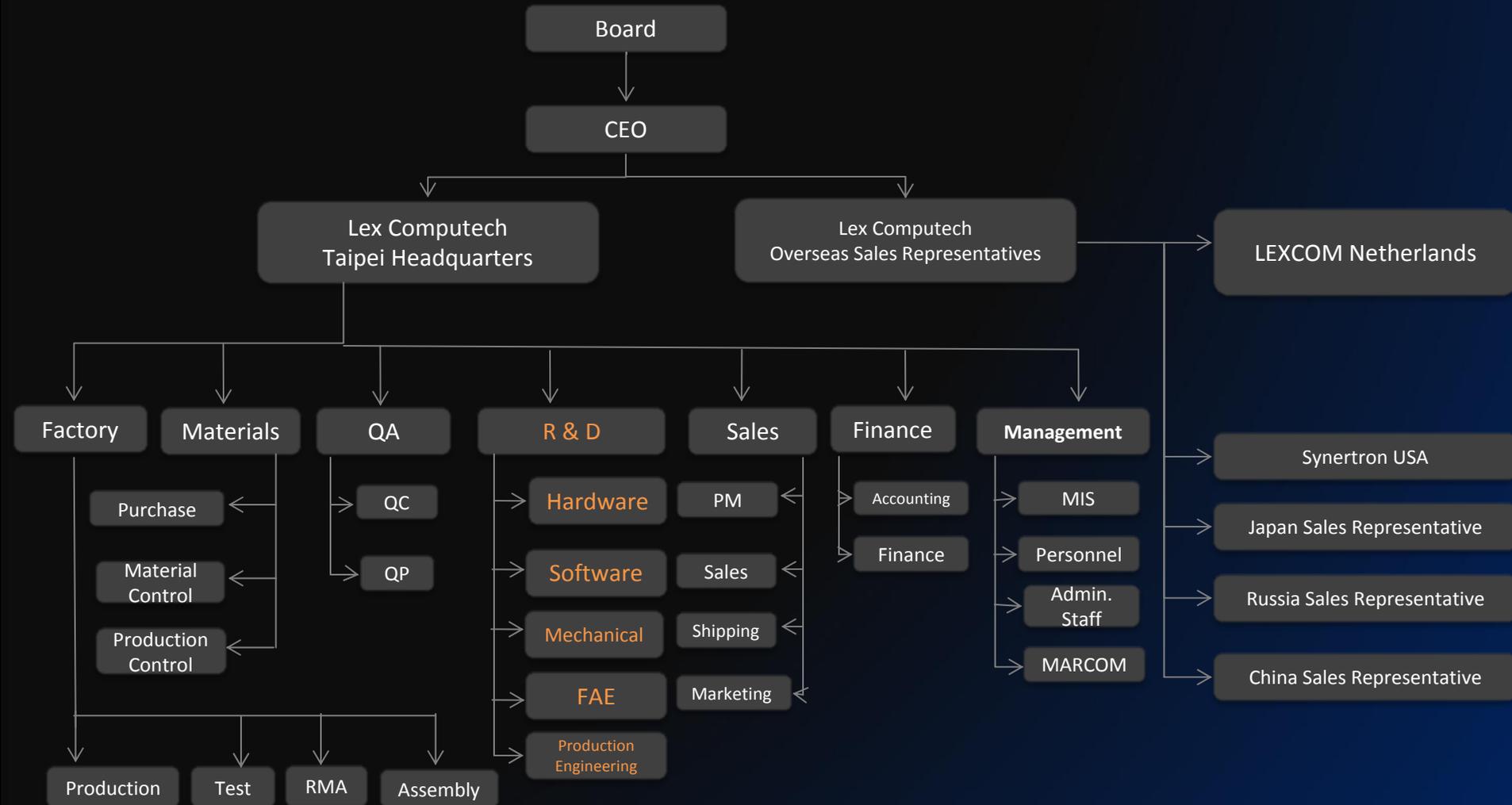
Worldwide Support

- Russia
- Netherlands
- USA
- Beijing
- Xi'an
- Shenzhen
- Japan
- Taiwan

- Headquarters
- Overseas Branches
- Representative Office

Sales Revenue

US $
Million

14

12

10

8

6

4

2

0

2011   2012   2013   2014   2015

Sales Revenue
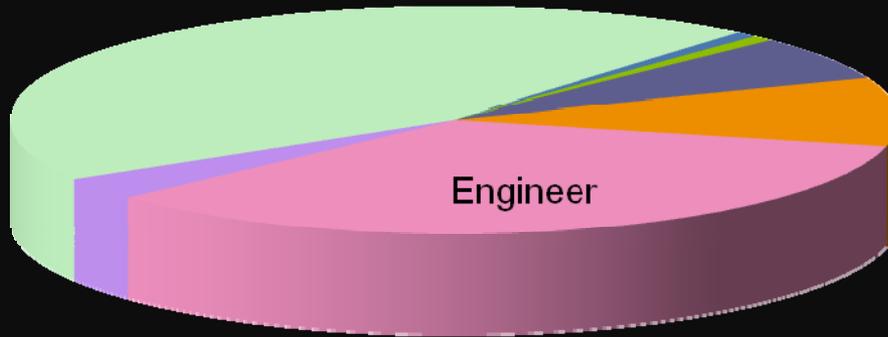
●2011: Focus on the development of highly integrated special solutions.

Employees Position Information (Taiwan)

Position	Number
CEO	1
Manager	1
Management & Admin.	8
Sales Dept.	8
Engineer	35
Finance	4
Purchase , Material & Factory	46
Total	103

FACTORY INFORMTION

Factory Capacity

◆ 3 SMT lines.
◆ Dual in -line package (DIP): 300 pcs per day.
◆ 3 assembly lines: 1 for sample and 2 for mass production.

Factory Facilities

RMA

Shipping Area

Programmable Temperature/Humidity chamber

IR Reflow Machine

PRODUCT OVERVIEW

Applications Overview

DVR
. Access Control
. Building / ATM Monitoring
  NVR IP System

Railway/Car PC
. Intelligent Transport
  System (ITS)
. GPS / 3G / WIFI
. Smart Power System

Digital Signage
. Retail / Restaurant
. Hospitality
. Enterprise
. Transportation

POS/Automation
. POS
. Kiosk
. Automation
  Control

Network
. Firewall
. Thin Client
. VPN
. Server

System Advantages

Compact	• Integrates all the functions in a motherboard or system.
Easy Installation	• Facilitates the assembly of additional devises so the end users can enjoy the easy installed, hassle-free products.
Power Saving	• Save almost 90% on the electricity bill.
Fanless	• No additional maintenance cost and no damage from the system shut down when overheating cause by a failing fan.
Flexibility	• One-stop shopping, worldwide-support branches, flexible service, OEM/ODM service .

Fanless System

Processor:
- Intel Ivy Bridge / i3 i7 CPU
- Intel Bay Trail SoC
- Intel Cedarview-M N2800/N2600
- Intel Atom D525
- VIA Nano E-series

Features:
. Wide Range DC Input
. Wide Range Temperature
. IP66/67 Waterproof
. C3 Military Standard Anti-Vibration
. Wireless Connection 3G/Wifi
. Rechargeable Battery
. Compliant with E-mark
. Compliant with EN 50155
. Flexible Expansion Interface
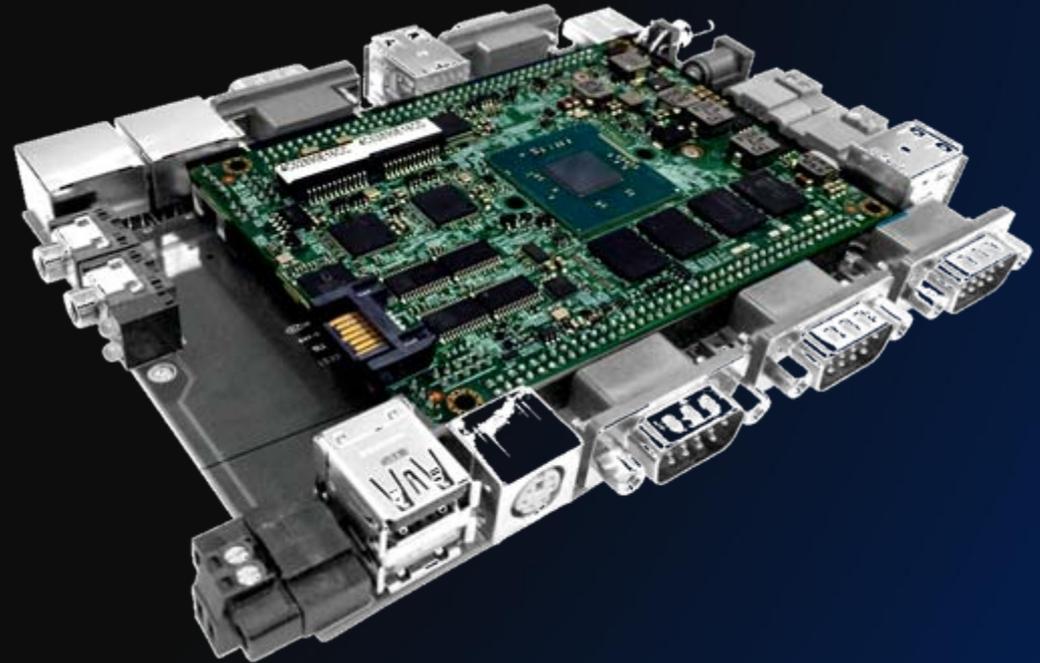

Tiger with M12 Connector Fanless System

Embedded Motherboard

Size:

. 73 x 102 mm (Pico-ITX 2.5 inch)

. 145 x 102 mm (3.5 inch)

. 20 x 15 mm (LEX form factor)

Feature:

. Wide range DC-Input 9V~36V

. 160 Pin Pico Express connector

. 2 x mini PCIe & 3G SIM card socket

. 802.3 af PoE LAN & Intel GbE LAN

. On board CPU, memory

. On board Touch screen controller

Pico-ITX 2.5 inch M/B : 2I385PW+Carrier Board

Fanless Panel PC

Feature:

. IP65 / 66 / 67 Waterproof

. Resistive / Capacitive Touch

. LED Backlight Panel

. Open-frame Design

. High Integration

Panel Size:

. 4:3 Series:

8.4" / 10.4" / 12.1" / 15" / 17"

. 16:9 Series:

7" / 10.2" / 15.6" / 32" / 42"

.Bezel-free Flat Series:

7" / 10.1" / 13.3" /21.5"

10.4"/12.1"/15"

.Bezel-free Waterproof Series:

10.1" / 13.3"

10.4"/12.1"/15"

Touch Monitor

Feature:

. IP65 Waterproof

. Resistive Touch

. LED Backlight Panel

. VESA 75/100 Mounting

Monitor Size:

. 8.4" / 10.4" / 12.1" / 15"/21.5" & 21.5" IP67

Expansion Card

Multi function card:

. Networking (Multi-Ethernet / PoE)

. Wireless (3G / WIFI / GPS / Bluetooth)

. Surveillance (Video Capture)

. Converter card

. I/O Expansion card

. Storage card (SSD / SD / eSATA)

. Interface Exchange

. GPIO card

. Riser card (Up to 2 PCI card)

. Wide range Power board

Customer Platform Applications

◆ PCTV (Grand Opera)
◆ Book Size Barebones
◆ Broadband Internet & Community System (Gateway)
◆ Content Management Server
◆ Automatic Center AC Controller
◆ Gas Collector
◆ Smart Home
◆ Video IP Phone (WinCE Base)
◆ Out-door Telecom (communication stop in desert)
◆ Assistant PC for Medical Use (data collection)
◆ Digital Signage Media Player
◆ DVR SDK
◆ Music DJ Center
◆ POS (Music Store)

CONTACT INFORMATION

Japan Sales Representative
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