

## EU Declaration of Conformity

**Model Number:** ESY15i2, ESY15i5, ESY22i2, ESY22i5  
**Equipment Category:** Information Technology and Telecommunications Equipment  
**Equipment Class:** Commercial and Light Industrial  
**Product Name:** Touch All in one Computer  
**Manufacture Start Year:** 2016

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following EU Directives and harmonized standard(s):

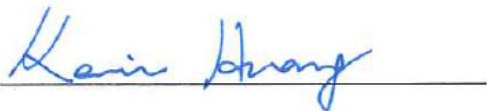
1. **EU Directive 2014/53/EU** of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC Text with EEA relevance.

Applicable harmonized standards:

- EN 55032:2012/AC:2013 Class A
- EN 55024:2010 / EN 61000-6-1: 2007
- EN 61000-6-3: 2007/A1:2011/AC:2012
- EN 61000-3-2:2014 / EN 61000-3-3: 2013 – Standard
- IEC 61000-4-2:2008
- IEC 61000-4-3:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2014
- IEC 61000-4-6:2013
- IEC 61100-4-8:2009
- IEC 61000-4-11:2004
- EN 300 328 V2.1.1
- Draft EN 301489-1 V2.2.0:2017-03
- Final draft EN 301489-3 V2.1.1:2017-03
- Draft EN 301489-17 V3.2.0:2017-03
- EN62311:2008
- EN62479:2010
- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
- IEC 60950-1:2005 Second Edition with all CB-scheme national differences

2. **EU Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Technical documentation required by the EU Directive 2011/65/EU was drawn based on harmonized standard EN 50581:2012.



Kevin Huang  
Director, Systems Engineering  
Elo Touch Solutions, Inc.



2 January 2019

## FCC Declaration of Conformity

Per FCC 47 CFR FCC Part15 subpart B Section 2.1077(a)  
In accordance with FCC Rules and Regulations

**Model Number:** ESY15i2, ESY15i5, ESY22i2, ESY22i5  
**Equipment Category:** Information Technology and Telecommunications Equipment  
**Equipment Class:** Commercial and Light Industrial  
**Product Name:** Touch All in one Computer  
**Manufacturer:** Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd.  
Suite 100  
Milpitas, CA 95035  
[www.elotouch.com](http://www.elotouch.com)

**Trademark:**



### Declaration:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

Kevin Huang  
Director, Systems Engineering  
Elo Touch Solutions, Inc.



## VERIFICATION OF COMPLIANCE

*This Verification of Compliance is hereby issued to the below named company. The test results of the report number: C160420E01-EF relate only to the tested sample identified in the report number: C160420E01-EF*

**Technical Standard: FCC Part 15 SUBPART B Class A  
ICES-003 Issue 6**

### General Information

Applicant: Elo Touch Solutions, Inc

### Product Description

EUT Description: Touch Computer

Brand Name:



Model Number: ESY15iZ, ESY22iZ (Z=0-9 or A-X or blank, for marketing purpose)

### Measurement Facilities

Laboratory: *Compliance Certification Services Inc. Kunshan Laboratory  
No.10 Weiye Rd., Innovation park, Eco&Tec,  
Development Zone, Kunshan City, Jiangsu, China  
Tel: + 86-512-57355888/ FAX: +86-512-57370818*

*This device has been shown to be in compliance with and was tested in accordance with the measurement procedures specified in the Standards & specifications listed above and as indicated in the measurement report number: C160420E01-EF*

*Jeff Fang*

Jeff Fang/ EMC Manager  
Date: June 2, 2016

**CCSRF** 程智电子科技(昆山)有限公司  
Compliance Certification Services Inc. Kunshan Laboratory



Ref. Certif. No.

JPTUV-072925

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product Produit	Touch computer
Name and address of the applicant Nom et adresse du demandeur	Elo Touch Solutions, Inc 1033 McCarthy Blvd, Milpitas, CA 95035, USA
Name and address of the manufacturer Nom et adresse du fabricant	Elo Touch Solutions, Inc 1033 McCarthy Blvd, Milpitas, CA 95035, USA
Name and address of the factory Nom et adresse de l'usine	See additional page(s)
Ratings and principal characteristics Valeurs nominales et caractéristiques principales	19.0Vdc,3.42A (for adapter model: FSP065-REB, ADP-65JH HB) 19.0Vdc,4.74A (for adapter model:ADP-90CE B; FSP090-DIEBN2) 19.0-19.5Vdc,7.7A(for adapter model:FSP150-ABBN2;ADP-150VBB) Class III
Trademark (if any) Marque de fabrique (si elle existe)	elo
Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur	N/A
Model / Type Ref. Ref. de type	ESY15iZ ESY22iZ (Z = 0-9, A-X or blank, for marketing purpose only)
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiqués sur la 2 <sup>ème</sup> page)	For model differences, refer to the test report.
A sample of the product was tested and found to be in conformity with Un échantillon de ce produit a été essayé et a été considéré conforme à la	IEC 60950-1:2005 + A1 + A2 National differences see test report
As shown in the Test Report Ref. No. which forms part of this Certificate Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat	50043404 001

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



TÜV Rheinland Japan Ltd.  
Global Technology Assessment Center  
4-25-2 Kita-Yamata, Tsuzuki-ku  
Yokohama 224-0021 Japan  
Phone + 81 45 914-3888  
Fax + 81 45 914-3354  
Mail: info@jpn.tuv.com  
Web: www.tuv.com

Dipl.-Ing. D. Loeffler

Date: 08.06.2016

Signature:

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160601-E162681  
**Report Reference** E162681-A83-UL  
**Issue Date** 2016-JUNE-01

**Issued to:** ELO TOUCH SOLUTIONS TAIWAN LTD  
2ND FL-1 66  
JINGMAO 2ND RD  
NANGANG DISTRICT  
TAIPEI  
115 TAIWAN

**This is to certify that representative samples of** Information Technology Equipment Including Electrical Business Equipment)  
Touch Computer  
Model: ESY15iZ, ESY22iZ (Z=0-9 or A-X or blank, for marketing purpose)

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 60950-1, (Information Technology Equipment - Safety - Part 1: General Requirements)  
CAN/CSA C22.2 No. 60950-1-07, (Information Technology Equipment - Safety - Part 1: General Requirements)

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50347279

Blatt *Page*  
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
52156871	01-PYL-50046156 001	21.06.2016	(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Elo Touch Solutions, Inc  
1033 McCarthy Blvd,  
Milpitas, CA 95035  
USA

**Fertigungsstätte *Manufacturing Plant***  
Elo Touch Solutions, Inc.  
2245 BRIGHTON-HENRIETTA  
TOWN LINE RD  
ROCHESTER NY 14623  
USA

## Prüfzeichen *Test Mark*



Regelmäßige  
Produktions-  
überwachung  
Sicherheit  
Bauart geprüft

www.tuv.com  
ID 1419036283

## Geprüft nach *Tested acc. to*

EN 60950-1:2006+A11+A1+A12+A2

## Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

## Lizenzentgelte - Einheit *License Fee - Unit*

Personalcomputer (Touch Computer)

Type Designation	: ESY15iZ , ESY22iZ (Z=0-9, A-X or blank)	7
Rated Voltage	: DC 19.0V; DC 19.0-19.5V	
Rated Current	: 3.42A or 4.74A; 7.7A	
Protection Class	: III	
Ambient Temperature	: 35°C	
Max. Operating Altitude	: 3048m	

7

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. D. Löffler

差出人: [aplimg@vcci.jp](mailto:aplimg@vcci.jp)  
宛先: [Masahiro.Tsumura](mailto:Masahiro.Tsumura)  
件名: [VCCI]適合確認電子届出]受理証明書  
日付: 2016年7月13日 16:42:38

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適合確認届出  
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適合確認届出を受理しました。

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届出番号:2016053458  
受理番号:2016037796

<届出者情報>  
<会員情報>  
会員番号:797  
会社名:タッチパネル・システムズ株式会社  
所在地:神奈川県横浜市港北区新横浜1-19-20 SUN HAMADA BLDG2F  
<届出責任者>  
部署名:技術サポ-ト部  
氏名:津村 昌弘  
E-mail:masahiro.tsumura@elotouch.com  
<届出担当者>  
所在地:横浜市港北区新横浜1-19-20SUN HAMADA BLDG.2F  
部署名:技術サポ-ト部  
氏名:津村  
TEL:045-478-2163  
FAX:045-478-2180  
E-mail:masahiro.tsumura@elotouch.com  
<受理通知受信者>  
部署名:技術サポ-ト部  
E-mail:masahiro.tsumura@elotouch.com

届出種別:変更  
機器の名称:タッチコンピュータ  
機器の種類と分類記号:クラス A / 分類記号 B2  
型式(モデルNo.):Elo Touch Solutions  
ESY15iZ  
ESY22iZ  
Zは英数字  
<販売ブランド(1)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
<販売ブランド(2)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
<販売ブランド(3)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
<販売ブランド(4)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
<販売ブランド(5)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
試験機関の会員番号:1938 Compliance Certification Services (KunShan) Inc.  
試験機関の名称:Compliance Certification Services (KunShan) Inc.  
<試験設備等登録番号>  
1) 1GHz以下放射妨害波測定設備:R-1600 (10m)  
2) 1GHz超放射妨害波測定設備:G-216 (3m)  
3) 電源ポート伝導妨害波測定設備:C-1707  
4) 通信ポート伝導妨害波測定設備:T-1499  
5) 第15条による試験所:  
6) 設置場所で試験をした:  
試験実施日:2016-05-04  
試験成績書番号:2016年5月12日  
変更/追加理由:通信ポ-トの記載誤記訂正のため

VCCIコメント:  
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一般財団法人 VCCI協会  
URL : <http://www.vcci.jp/>  
E-mail : [aplimg@vcci.jp](mailto:aplimg@vcci.jp)





# 中国国家强制性产品认证证书

证书编号: 2016010901893609

委托人名称、地址

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产者(制造商)名称、地址

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产企业名称、地址

产品名称和系列、规格、型号

触摸电脑

ESY22iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入  
1: 19.0Vdc, 4.74A; 电源适配器(可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入2: 19.0-19.5Vdc,  
7.7A; 电源适配器(可选): (1) FSP150-ABBN2, (2) ADP-150VB B; 不带电线组件销售。

产品标准和技术要求

GB4943.1-2011 GB9254-2008 (A级) GB17625.1-2012

上述产品符合强制性产品认证实施规则  
CNCA-C09-01: 2014的要求, 特发此证。

发证日期: 2016年08月16日      有效期至: 2021年08月16日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站www.cnca.gov.cn查询



主任:



## 中国质量认证中心

中国·北京·南四环西路188号9区 100070

<http://www.cqc.com.cn>

### T 20160816142847718



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.:2016010901893609

## NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, USA

## NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, USA

## NAME AND ADDRESS OF THE FACTORY



## NAME, MODEL AND SPECIFICATION

Touch Computer

ESY22iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入 1: 19.0Vdc, 4.74A; 电源适配器 (可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入2: 19.0-19.5Vdc, 7.7A; 电源适配器 (可选): (1) FSP150-ABBN2, (2) ADP-150VB B; 不带电线组件销售。

## THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB4943.1-2011 GB9254-2008(Class A) GB17625.1-2012

This is to certify that the above mentioned products have met the requirements of implementation rules for compulsory certification(REF NO. CNCA-C09-01:2014).

Date of issue: Aug.16,2016

Date of expiry: Aug.16,2021

Validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

This certificate can be verified through CNCA 's website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



President:

Wang Kejiao



## CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China  
<http://www.cqc.com.cn>

**T 20160816142847718**



# 中国国家强制性产品认证证书

证书编号: 2016010901893619

委托人名称、地址

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产者(制造商)名称、地址

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, 美国

生产企业名称、地址

产品名称和系列、规格、型号

触摸电脑

ESY15iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入  
1: 19.0Vdc, 3.42A; 电源适配器(可选): (1) FSP065-REB, (2) ADP-65JH HB; 输入2: 19.0Vdc,  
4.74A; 电源适配器(可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入3: 19.0-19.5Vdc, 7.7A; 电源适  
配器(可选): (1) FSP150-ABBN2, (2) ADP-150VB B; 不带电线组件销售。

产品标准和技术要求

GB4943.1-2011 GB9254-2008 (A级) GB17625.1-2012

上述产品符合强制性产品认证实施规则  
CNCA-C09-01: 2014的要求, 特发此证。

发证日期: 2016年08月16日 有效期至: 2021年08月16日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站www.cnca.gov.cn查询



主任: \_\_\_\_\_



中国质量认证中心

中国·北京·南四环西路188号9区 100070

http://www.cqc.com.cn

T 20160816142854047



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.:2016010901893619

## NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, USA

## NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc.  
1033 McCarthy Blvd Milpitas, CA 95035, USA

## NAME AND ADDRESS OF THE FACTORY



## NAME, MODEL AND SPECIFICATION

Touch Computer

ESY15iZ (Z=0-9, A-X 或空白, 表示不同的销售区域, Z的变化不影响产品的安全性能和电磁兼容性能) 输入  
1: 19.0Vdc, 3.42A ; 电源适配器 (可选): (1) FSP065-REB, (2) ADP-65JH HB); 输入2: 19.0Vdc, 4.74A ; 电源  
适配器 (可选): (1) ADP-90CE B, (2) FSP090-DIEBN2; 输入3: 19.0-19.5Vdc, 7.7A ; 电源适配器 (可选  
) : (1) FSP150-ABBN2, (2) ADP-150VB B; 不带电线组件销售。

## THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB4943.1-2011 GB9254-2008(Class A) GB17625.1-2012

This is to certify that the above mentioned products have met the requirements of implementation rules for compulsory certification(REF NO. CNCA-C09-01:2014).

Date of issue: Aug.16,2016

Date of expiry: Aug.16,2021

Validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

This certificate can be verified through CNCA ' s website: [www.cnca.gov.cn](http://www.cnca.gov.cn)



President:

Wang Kejiao



## CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China  
<http://www.cqc.com.cn>

**T 20160816142854047**

无线电发射设备  
Radio Transmission Equipment  
型号核准证  
Type Approval Certificate

美国 Elo Touch Solutions, Inc.:

根据《中华人民共和国无线电管理条例》，经审查，下列无线电发射设备  
In accordance with the provisions on the Radio  
Regulations of the People's Republic of China, the following  
符合中华人民共和国无线电管理规定和  
radio transmission equipment, after examination, conforms  
技术标准，其核准代码为：CMIIT ID: 2016AJ4752  
to the provisions with its CMIIT ID:

备注：该设备使用型号为RTL8821AE，  
CMIIT ID为2013AJ7899(M)的限制性  
非独立操作的无线电发射模块。



Sealed by issuing authority

2016年 8月 12日  
Year Month Date

有效期：五年  
Validity

编号：2016-4752  
Number

设备名称：5.8GHz/2.4GHz无线局域网/蓝牙设备  
Equipment Name

设备型号：ESY22i5  
Equipment Type 系列型号：ESYXXXX ("X" = 0-9, A-Z, a-z, -, +或空格等任意字符)。

主要功能：数据传输  
Main Functions

调制方式：GFSK π/4-DQPSK 8DPSK  
Modulation Mode BPSK/QPSK/16QAM/64QAM/256QAM/DBPSK/DQPSK/CCK

主要技术参数及其指标值：  
Main Technical Parameters

频率范围：5725-5850MHz 2400-2483.5MHz  
Frequency Range

频率容限：< 20ppm  
Frequency Tolerance

发射功率：< 33dBm < 20dBm (EIRP)  
Transmitting Power

占用带宽：< 80MHz < 40MHz  
Occupied Bandwidth < 2MHz

杂散发射限值：< -30dBm  
Spurious Emission Limits



Sealed by issuing authority

2016年 8月 12日  
Year Month Date

Client ID : 48513

GLOBAL APPROVALS PTE. LTD.  
108 BEDOK RESERVOIR ROAD #02-320  
EUNOS VISTA  
SINGAPORE - 470108

ATTN : MR LIN CHENG BOON, ANDREW

Dear Sirs,

**EQUIPMENT REGISTRATION UNDER TELECOMMUNICATIONS (DEALERS) REGULATIONS**  
**Registration Number: N2502-17**

We acknowledge that the equipment listed below has been registered with the Info-communications Media Development Authority under regulation 20(6) of the Telecommunications (Dealers) Regulations (Cap 323, Rg 6) (the "Dealers Regulations") and approved for sale in Singapore. Your attention is drawn to the relevant provisions and requirements of the Dealers Regulations described below.

**Declared Equipment Information**

Brand/Trade Name :	Elo
Model Name/No.:	ESY22i5
Equipment Description:	Touch Computer
IMDA Spec. No.:	IMDA TS SRD
Equipment Category:	Private Mobile Radio
Equipment Type:	Spread Spectrum System
Frequency Band (Maximum	2.4000 - 2.4835 GHz (<= 100 mW (e.i.r.p.))
Radiated Power /Field	5.150 - 5.350 GHz (<= 100 mW (e.i.r.p.))
Strength)	5.470 - 5.725 GHz (<= 1000 mW (e.i.r.p.))
	5.725 - 5.850 GHz (<= 100 mW (e.i.r.p.))
Date of Registration :	04 JULY 2017
Date of Expiry :	30 JUNE 2022

This is a computer generated email notification. No signature is required

Note: Please do not reply using the above email address. Should you need clarification, please email to [TLSINFO@IMDA.GOV.SG](mailto:TLSINFO@IMDA.GOV.SG) or contact our officer, MS WOON MOON ENG at 62111937.



Sent by:

Info-communications Media Development Authority

สำนักงานมาตรฐานโทรคมนาคม  
 วันที่ 30 มิ.ย. 2560  
 เวลา 09:20 - 09:25 น.  
 เลขรับ 59. 1169

สำนักงานคณะกรรมการกิจการโทรคมนาคมแห่งชาติ

**แบบรับรองตนเองของผู้ประกอบการ  
 (Supplier's Declaration of Conformity)**

**1. รายละเอียดของผู้ประกอบการ**

1.1	ชื่อหน่วยงาน: <b>Qman Consulting Co., Ltd.</b>
1.2	ที่อยู่: <b>34/35 Naknivas 48 14-14, Naknivas, Ladprao, Ladprao, Bangkok 10230</b>

**2. รายละเอียดของเครื่องโทรคมนาคมและอุปกรณ์**

2.1	ประเภท/ชนิดของเครื่องโทรคมนาคมและอุปกรณ์: <b>Touch Computer</b>		
2.2	ตราอักษร (brand name): <b>Elo</b>	2.3	แบบ/รุ่น (model): <b>ESY22i5</b>
2.4	มาตรฐานทางเทคนิคหรือข้อกำหนดทางเทคนิคที่แสดงความสอดคล้อง กทช.มท. 1012-2551 ข้อ 2(10) ของประกาศ กทช. เรื่องเครื่องวิทยุคมนาคมและสถานีวิทยุ คมนาคมที่ได้รับยกเว้นใบอนุญาตประกาศ ณ วันที่ 18 กรกฎาคม 2550 (2.4,5 GHz)		

ข้าพเจ้าขอรับรองว่า เครื่องโทรคมนาคมและอุปกรณ์ข้างต้น มีความสอดคล้องตามมาตรฐานทางเทคนิคหรือ  
 ข้อกำหนดทางเทคนิคของคณะกรรมการกิจการโทรคมนาคมแห่งชาติ ตามที่ระบุไว้

3. เอกสารหลักฐานประกอบการรับรองตนเอง	ลงชื่อ	 <b>Qman Consulting Co., Ltd.</b> ( นายณิศร์ พินชมภู ) ผู้มีอำนาจลงนาม	
	ตำแหน่ง		กรรมการผู้จัดการ
	วันที่		30 มิถุนายน 2560

ผู้ประกอบการจะต้องจัดส่งแบบรับรองตนเองที่กรอกรายละเอียดครบถ้วนสมบูรณ์ ให้สำนักงานคณะกรรมการ  
 กิจการโทรคมนาคมแห่งชาติ และเก็บรักษาสำเนาแบบรับรองตนเองพร้อมเอกสารหลักฐานประกอบการรับรอง  
 ตนเอง เพื่อใช้ประกอบการตรวจติดตามของสำนักงาน ตามมาตรการกำกับดูแลเครื่องโทรคมนาคมและอุปกรณ์  
 ภายหลังจากตรวจสอบและรับรองมาตรฐาน และตามกฎหมายอื่น (ถ้ามี)

**GIẤY CHỨNG NHẬN HỢP QUY**  
**TYPE APPROVAL CERTIFICATE**

Số: A0847131017AE01A2  
No:

**TRUNG TÂM KIỂM ĐỊNH VÀ CHỨNG NHẬN 1**  
**The Verification and Certification Center 1**

**CHỨNG NHẬN**  
It is to certify that

Sản phẩm  
*Product* : MÁY TÍNH CÁ NHÂN ĐỂ BÀN CÓ THU PHÁT VỎ TUYẾN SỬ DỤNG KỸ THUẬT ĐIỀU CHẾ TRÁI PHỔ TRONG BĂNG TẦN 2,4/5 GHz  
*Desktop computer with 2.4/5 GHz spread spectrum radio interface*

Kỹ hiệu  
*Model* : ESY22i5

Hãng, nơi sản xuất  
*Manufacturer, place of manufacturing* : ELO TOUCH SOLUTIONS, INC.

Đơn vị được cấp  
*Certificate Holder* : CÔNG TY TNHH THƯƠNG MẠI ĐIỆN TỬ VÀ CÔNG NGHỆ VIỆT NAM  
*Vecomtech Company Limited*

Phù hợp quy chuẩn kỹ thuật, tiêu chuẩn  
*Complies with* : QCVN 54:2011/BTTTT ; QCVN 65: 2013/BTTTT; QCVN 18: 2014/BTTTT

Giấy chứng nhận này được cấp trên cơ sở Kết quả đo kiểm số 17U20802-E2V4 ngày 02/08/2017; Số: 17U20730-E2V4 ngày 30/7/2017 và 17U20728-E2V4 ngày 28/7/2017 của UL Verification Services Inc. (formerly UL CCS)-US0104.

*The Certificate is in reference to Test report No: 17U20802-E2V4 dated Aug 02, 2017; 17U20730-E2V4 dated Jul 30, 2017 and 17U20728-E2V4 dated Jul 28, 2017 by UL Verification Services Inc. (formerly UL CCS)-US0104.*

Nơi cấp  
*Place of Issue* : Hà Nội

Ngày cấp  
*Date of Issue* : 13/10/2017

Có giá trị đến  
*Date of Expiry* : 13/10/2019

**GIÁM ĐỐC**  
**Director**



**Bùi Ngọc Dũng**



## 방송통신기자재등의 적합등록 필증

### Registration of Broadcasting and Communication Equipments

상호 또는 성명 <i>Trade Name or Registrant</i>	Elo Touch Solutions, Inc.
기자재 명칭 <i>Equipment Name</i>	Touch Computer
기본모델명 <i>Basic Model Number</i>	ESY22i5
파생모델명 <i>Series Model Number</i>	ESY22i2-2UWA-0-NO-GY-G, ESY22i5-2UWA-0-W7-GY-G, ESY22i2-2UWA-0-MT-NO-GY-8G-RCNL, ESY22i2-2UWA-0-W7-GY-G, ESY22i2, ESY22i5-2UWA-0-W10-GY-G, ESY22i5-2UWA-0-NO-GY-G, ESY22i2-2UWA-0-W10-GY-G
등록번호 <i>Registration No.</i>	MSIP-RMM-TY1-ESY22i5
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	Elo Touch Solutions, Inc. / 중국
등록연월일 <i>Date of Registration</i>	2017-06-21
기타 <i>Others</i>	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.  
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2017년(Year) 06월(Month) 21일(Date)

국립전파연구원장



*Director General of National Radio Research Agency*

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.  
위반시 과태료 처분 및 등록이 취소될 수 있습니다.

TE 600729



經濟部標準檢驗局

BUREAU OF STANDARDS, METROLOGY AND INSPECTION,  
MINISTRY OF ECONOMIC AFFAIRS



商品驗證登錄證書

CERTIFICATE OF THE REGISTRATION OF PRODUCT CERTIFICATION

證書號碼： CI386065770902 號 00  
Certificate No.

茲據 臺灣艾羅科技有限公司 申請驗證登錄，經審查結果符合規定，准予登錄並使用商品安全標章及識別號碼：R38577。其登錄事項如下：  
The application made by for Registration of Product

Certification has been reviewed and found to be in compliance with related regulations. Therefore, registration is granted with the Product Safety Mark and the Identification No. R38577. Details of the registration are follows:

申請人：臺灣艾羅科技有限公司  
Applicant

統一編號：54174251  
Uniform No.

地址：臺北市南港區經貿二路66號2樓之1  
Address

生產廠場：  
Factory

廠址：  
Factory Address

商品種類名稱：  
Type/name of product

商品分類號列：8471.41.00.00.5  
C.C.C Code

中文名稱：觸控電腦  
Chinese name

英文名稱：Touch Computer  
English name

型式：ESY22i5  
Type

系列型式：空白  
Series of the type

依據標準：CNS14336-1 (099/09/30年版)、符合CNS 15663第5節「含有標示」規定、102年7月、CNS13438 (095/06/01年版)  
Standards



標準檢驗局發證 (發證地址：100臺北市中正區濟南路1段4號)  
(本證書經驗證機關使用鋼印後生效)

This certificate is issued by the BSMI. (No.4, Sec. 1, Jinan Rd., Zhongzheng Dist., Taipei City 100, Taiwan)

(This certificate will become effective only when stamped with the BSMI seal.)

登錄日期：中華民國	106	年	01	月	20	日
Registration Date	2017	(year)	01	(month)	20	(day)
本證書有效期限至	109	年	01	月	19	日
Expiration Date	2020	(year)	01	(month)	19	(day)
發證日期：中華民國	106	年	01	月	20	日
Date of issue	2017	(year)	01	(month)	20	(day)

註1：持本證書進口驗證登錄商品時，進口人須與本證書名義人相同。

註2：次年度商品驗證登錄年費繳納期限為當年11月30日，逾期未繳納者，經限期繳納屆期未繳納，即依商品檢驗法第42條第7款規定廢止驗證登錄，並自次年度1月1日起生效。

493P



**MET Labs**

Headquarters: 914 West Patapsco Ave. • Baltimore, Maryland 21230 • Phone (410) 354-3300 • Fax (410) 354-3313

Angela Huang  
China CEPREI laboratory  
110 Dongguanzhuang road,  
Tianhe Qu, Guangzhou City,  
Guangdong province,

8/5/2019

Subject: Touch Computer ESY15i2  
METProject Number 104847

**ENERGY STAR® - Product Specification: Computers Desktop and Integrated Desktop  
Version 7.1**

Angela Huang,

Congratulations! Upon review of the testing report and information submitted to Eurofins MET Labs, we have determined the evaluated Touch Computer ESY15i2 to be compliant with the above referenced program requirements.

The Touch Computer ESY15i2 is now qualified by MET Laboratories to the current ENERGY STAR requirements. The Touch Computer ESY15i2 ; may begin to be marketed as ENERGY STAR Qualified.

This product will now be submitted to the Environmental Protection Agency to be added to their Qualified Product List (QPL). According to the ENERGY STAR® product certification scheme, the EPA updates the QPL on a set schedule. The Touch Computer ESY15i2 will therefore soon be added to that list.

Please remember to inform us of any changes made to the product, so that we can keep your information and qualification status current.

Thank you for the opportunity to perform this service for China CEPREI laboratory . We look forward to future opportunities with your company.

Sincerely,

Jesse Trawinski  
EEV Admin, ENERGY STAR® Certification Body -  
Eurofins MET Labs

Reviewed by:

Jim Reed  
EEV Manager,  
Energy Laboratory



**MET Labs**

Headquarters: 914 West Patapsco Ave. • Baltimore, Maryland 21230 • Phone (410) 354-3300 • Fax (410) 354-3313

Angela Huang  
China CEPREI laboratory  
110 Dongguanzhuang road,  
Tianhe Qu, Guangzhou City,  
Guangdong province,

8/5/2019

Subject: Touch Computer ESY15i5  
METProject Number 104848

**ENERGY STAR® - Product Specification: Computers Desktop and Integrated Desktop  
Version 7.1**

Angela Huang,

Congratulations! Upon review of the testing report and information submitted to Eurofins MET Labs, we have determined the evaluated Touch Computer ESY15i5 to be compliant with the above referenced program requirements.

The Touch Computer ESY15i5 is now qualified by MET Laboratories to the current ENERGY STAR requirements. The Touch Computer ESY15i5 ; may begin to be marketed as ENERGY STAR Qualified.

This product will now be submitted to the Environmental Protection Agency to be added to their Qualified Product List (QPL). According to the ENERGY STAR® product certification scheme, the EPA updates the QPL on a set schedule. The Touch Computer ESY15i5 will therefore soon be added to that list.

Please remember to inform us of any changes made to the product, so that we can keep your information and qualification status current.

Thank you for the opportunity to perform this service for China CEPREI laboratory . We look forward to future opportunities with your company.

Sincerely,

Jesse Trawinski  
EEV Admin, ENERGY STAR® Certification Body -  
Eurofins MET Labs

Reviewed by:

Jim Reed  
EEV Manager,  
Energy Laboratory

Angela Huang  
China CEPREI laboratory  
110 Dongguanzhuang road,  
Tianhe Qu, Guangzhou City,  
Guangdong province,

8/5/2019

Subject: Touch Computer ESY22i2  
METProject Number 104849

**ENERGY STAR® - Product Specification: Computers Desktop and Integrated Desktop  
Version 7.1**

Angela Huang,

Congratulations! Upon review of the testing report and information submitted to Eurofins MET Labs, we have determined the evaluated Touch Computer ESY22i2 to be compliant with the above referenced program requirements.

The Touch Computer ESY22i2 is now qualified by MET Laboratories to the current ENERGY STAR requirements. The Touch Computer ESY22i2 ; may begin to be marketed as ENERGY STAR Qualified.

This product will now be submitted to the Environmental Protection Agency to be added to their Qualified Product List (QPL). According to the ENERGY STAR® product certification scheme, the EPA updates the QPL on a set schedule. The Touch Computer ESY22i2 will therefore soon be added to that list.

Please remember to inform us of any changes made to the product, so that we can keep your information and qualification status current.

Thank you for the opportunity to perform this service for China CEPREI laboratory . We look forward to future opportunities with your company.

Sincerely,



Jesse Trawinski  
EEV Admin, ENERGY STAR® Certification Body -  
Eurofins MET Labs

Reviewed by:



Jim Reed  
EEV Manager,  
Energy Laboratory



**MET Labs**

Headquarters: 914 West Patapsco Ave. • Baltimore, Maryland 21230 • Phone (410) 354-3300 • Fax (410) 354-3313

Angela Huang  
China CEPREI laboratory  
110 Dongguanzhuang road,  
Tianhe Qu, Guangzhou City,  
Guangdong province,

8/5/2019

Subject: Touch Computer ESY22i5  
METProject Number 104850

**ENERGY STAR® - Product Specification: Computers Desktop and Integrated Desktop  
Version 7.1**

Angela Huang,

Congratulations! Upon review of the testing report and information submitted to Eurofins MET Labs, we have determined the evaluated Touch Computer ESY22i5 to be compliant with the above referenced program requirements.

The Touch Computer ESY22i5 is now qualified by MET Laboratories to the current ENERGY STAR requirements. The Touch Computer ESY22i5 ; may begin to be marketed as ENERGY STAR Qualified.

This product will now be submitted to the Environmental Protection Agency to be added to their Qualified Product List (QPL). According to the ENERGY STAR® product certification scheme, the EPA updates the QPL on a set schedule. The Touch Computer ESY22i5 will therefore soon be added to that list.

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Jesse Trawinski  
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Reviewed by:

Jim Reed  
EEV Manager,  
Energy Laboratory