



Certificate No. : L0917-151204

財團法人全國認證基金會  
Taiwan Accreditation Foundation

## Certificate of Accreditation

This is to certify that

**Advantech Co., Ltd.**

**Advantech QA Laboratory**

1F, No.33, Lane 365, Tang Guang Street, Neihu District, Taipei 114, Taiwan, R.O.C.

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025: 2005  
**Accreditation Number** : 0917  
**Originally Accredited** : August 01, 2002  
**Effective Period** : December 04, 2015 to December 03, 2018  
**Accredited Scope** : Testing Field, see described in the Appendix

Jay-San Chen  
President, Taiwan Accreditation Foundation  
Date : December 04, 2015



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Accreditation Number : 0917

Laboratory Head : YANG, Hsin-Chien

19.99 Electronic and Electric  
Electronic and Electric equipment  
E002 EMC  
IEC 61000-4-2  
EN 61000-4-2  
CNS 14676-2  
Air Discharge: 30KV  
Contact Discharge: 30 kV

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C)

E002 EMC  
IEC 61000-4-5  
EN 61000-4-5  
CNS 14676-5  
Test Level: 200 V to 5 kV  
Coupling Ports: AC/DC/I/O Lines

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
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E002 EMC  
IEC 61000-4-8  
EN 61000-4-8  
Test Level for Continuous Field: (0 to 30) A/m

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C)

E003 Cold test  
IEC 60068-2-1  
MIL-STD-810  
-70 °C (-3 °C, +3 °C) to 25 °C (-2 °C, +2 °C)

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan, (R.O.C.)

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E003 Change of temperature test  
IEC 60068-2-14 (Nb)  
MIL-STD-810  
-70 °C (-3 °C, +3 °C) to 90 °C (-2 °C, +2 °C)

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan,(R.O.C.)

E003 Dry heat test  
IEC 60068-2-2  
MIL-STD-810  
25 °C (-2 °C, +2 °C) to 90 °C (-2 °C, +2 °C)

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan,(R.O.C.)

E003 Mechanical shock test  
IEC 60068-2-27  
IEC 61373  
MIL-STD-810  
Half- Sine  
acceleration:  
30 G max.  
pulse time:  
16 ms max.

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan,(R.O.C.)

E003 (1).Damp heat cyclic test  
(2).Climatic sequence test  
IEC 60068-2-30 (1).Damp heat cyclic test  
MIL-STD-810 (1).Damp heat cyclic test  
IEC 60068-2-61 (2).Climatic sequence test  
-70 °C (-3 °C, +3 °C) to 90 °C (-2 °C, +2 °C)  
(30 to 95) %(-3 %, +2 %) R.H.

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan,(R.O.C.)

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E003 Free fall test  
IEC 60068-2-32  
MIL-STD-810  
Height (30 to 150) cm  
Weight  $\leq$  100 Kg

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan,(R.O.C.)

E003 Vibration test  
IEC 60068-2-6  
IEC 60068-2-64  
IEC 61373  
MIL-STD-810  
Frequency: 5 Hz to 2000 Hz  
acceleration: (0 to 20) G

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
Testing Place: 1. 1F, No. 33, Lane 365, Yang Guang Street, Neihu District, Taipei 114, Taiwan (R.O.C) 2. B1, No.27, Wende Road, Guishan District, Taoyuan 333, Taiwan,(R.O.C.)

E003 Damp heat test  
IEC 60068-2-78  
MIL-STD-810  
20 °C (-2 °C, +2 °C)  
95 % (-3 %, +2 %) R.H.

Approval Signatory: CHANG, Charles; YANG, Hsin-Chien; WANG, Yu-Fu  
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(Null below)