

# **CE MARK TECHNICAL FILE**

## **AS/NZS EMC CONSTRUCTION FILE**

of

Product Name

**SD Card**

Model

**Industrial SD H1-M 4GB; Industrial SD H1-M 8GB;  
Industrial SD H1-M 16GB; Industrial SD H1-M 32GB;  
Industrial SD H1-M 64GB; Industrial SD H1-M 128GB**

Brand

**Apacer**

Contains:

1. Declaration of Conformity
2. EN55022/CISPR 22, AS/NZS CISPR 22 EMI test report
3. EN55024/CISPR 24, EN61000-3-2 / IEC 61000-3-2, and EN61000-3-3 / IEC 61000-3-3 test report
4. Block Diagram and Schematics
5. Users' manual

## Declaration of Conformity

Name of Responsible Party: Apacer Technology Inc.

Address of Responsible Party: 1F., No.32, Zhongcheng Rd., Tucheng Dist.,  
New Taipei City 236, Taiwan , R.O.C.

Declares that product: SD Card

Model: Industrial SD H1-M 4GB; Industrial SD H1-M 8GB;  
Industrial SD H1-M 16GB; Industrial SD H1-M 32GB;  
Industrial SD H1-M 64GB; Industrial SD H1-M 128GB

Brand: Apacer

Assembled by: Same as above

Address: Same as above

Conforms to the EMC Directive 2004/108/EC as attested by conformity with the following harmonized standards:

EN 55022:2010+AC:2011, CISPR 22:2008 (modified) and AS/NZS CISPR 22: 2009+A1:2010: Limits and methods of measurement of Radio Interference characteristics of Information Technology Equipment.

EN 55024:2010 and CISPR 24:2010: Information technology equipment-Immunity characteristics - Limits and methods of measurement.

Standard	Description	Results	Criteria
EN 61000-4-2:2009 IEC 61000-4-2:2008	Electrostatic Discharge	Pass	B
EN 61000-4-3:2006+A1:2008 +A2:2010 IEC 61000-4-3:2006+A1:2007+A2:2010	Radio-Frequency, Electromagnetic Field	Pass	A
EN 61000-4-4:2012 IEC 61000-4-4:2012	Electrical Fast Transient/Burst	Pass	B
EN 61000-4-5:2006 IEC 61000-4-5:2005	Surge	Pass	B
EN 61000-4-6:2009 IEC 61000-4-6:2008	Conductive Disturbance	Pass	A
EN 61000-4-8:2010 IEC 61000-4-8:2009	Power Frequency Magnetic Field	Pass	A
EN 61000-4-11:2004 IEC 61000-4-11:2004	Voltage Dips / Short Interruption and Voltage Variation		
	>95% in 0.5 period	Pass	B
	30% in 25 period	Pass	C
	>95% in 250 period	Pass	C

Standard	Description	Results
EN 61000-3-2:2006 +A1:2009 +A2:2009 IEC 61000-3-2:2005 +A1:2008 +A2:2009	Limits for harmonics current emissions	Pass
EN 61000-3-3:2013 IEC 61000-3-3:2013	Limits for voltage fluctuations and flicker in low-voltage supply systems.	Pass

<to be continued>

*We, Apacer Technology Inc., hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.*

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Sheng-Wei Yu  
Apacer Technology Inc.

**Date: May 15, 2015**

## Declaration of Conformity

Name of Responsible Party: Apacer Technology Inc.

Address of Responsible Party: 1F., No.32, Zhongcheng Rd., Tucheng Dist.,  
New Taipei City 236, Taiwan , R.O.C.

Declares that product: SD Card

Model: Industrial SD H1-M 4GB; Industrial SD H1-M 8GB;  
Industrial SD H1-M 16GB; Industrial SD H1-M 32GB;  
Industrial SD H1-M 64GB; Industrial SD H1-M 128GB

Brand: Apacer

Assembled by: Same as above

Address: Same as above

Conforms to the EMI part of RCM Mark requirements as attested by conformity with the following standards:

EN 55022:2010+AC:2011, CISPR 22:2008 (modified) and AS/NZS CISPR 22: 2009+A1:2010: Limits and methods of measurement of Radio Interference characteristics of Information Technology Equipment.

EN 55024:2010 and CISPR 24:2010: Information technology equipment-Immunity characteristics - Limits and methods of measurement.

Standard	Description	Results	Criteria
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EN 61000-4-5:2006 IEC 61000-4-5:2005	Surge	Pass	B
EN 61000-4-6:2009 IEC 61000-4-6:2008	Conductive Disturbance	Pass	A
EN 61000-4-8:2010 IEC 61000-4-8:2009	Power Frequency Magnetic Field	Pass	A
EN 61000-4-11:2004 IEC 61000-4-11:2004	Voltage Dips / Short Interruption and Voltage Variation		
	>95% in 0.5 period	Pass	B
	30% in 25 period	Pass	C
	>95% in 250 period	Pass	C

Standard	Description	Results
EN 61000-3-2:2006 +A1:2009 +A2:2009 IEC 61000-3-2:2005 +A1:2008 +A2:2009	Limits for harmonics current emissions	Pass
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<to be continued>

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Sheng-Wei Yu  
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**Date: May 15, 2015**