Type Approval Certificate

GL

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No.	37 454 - 12 HH
Company	**Digital Electronics Corporation** 8-2-52 Nankohigashi, Suminoe-Ku Osaka 559-0031, JAPAN
Product Description	Panel PC PS-4700 / PS-4800 series (Atom N270)
Type	PS-4700 Atom N270 / PS-4800 Atom N270 (ATOM, up to 3GB RAM, fanless) (No hard disks or rotation devices), DC power supply
Environmental Category	C, EMC1

Technical Data /
Range of Application

PFXPP170BXXXX0XXXX (15" Touch only)
PFXPP180BXXXX0XXXX (19" Touch only)

```
 I I   I  I_____0 or 4 (*1)
 I I   I_____N, B, C, D or T (*2)
 I I_____1, 2 or 3 (*3)
 I_____B, D, F or G (*4)
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(other "X" for operation system or software variants)

*1: none or RS232 interface
*2: none or any sizes of compact flash or flash disk SSD
*3: different sizes of main memory
*4: none or combinations of UPS module and/or filter for marine certification

Test Standard	Guidelines for the Performance of Type Approvals Chapter 2, Edition 2003 Guidelines for the Use of Computer and Computer Systems, Edition 1994
Documents	Test reports : (MIKES) E35305-00-00HO, S35588-00-00AV, E35554-00-01MH, S35589-00-00AV Test description V1.03 (28.10.2011), PS-4700/4800 Series User Manual
Remarks	Filter PFXZFTPNDC1 to be used in DC power line
Valid until	2017-01-25
Page	1 of 2
File No.	I.B.05

Hamburg, 2012-11-30

Type Approval Symbol   (G L)

Germanischer Lloyd

Dr. Joannis Papanuskas

Burkhard Lilienthal

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".

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Certificate No.   **37 454 - 12 HH**

CPU board: ATOM N270 1.6GHz with heatsink (fanless)

Options:
  Main memory: up to 3 GB DDR2 RAM
  Slide-In compact: any sizes of flash disk (SSD), (no hard disk)
  Serial adapter: RS232 interface
  Compact flash: any size
  UPS: UPS module (external battery with cable)

Accessories:
  PFXZPSSCSSDxxx ... (SSD unit - Slide in Disk) (xxx: numeric digits representing sizes)
  PFXZCBCFxx ... (CF Card) (xx: numeric digits representing sizes)
  PFXZPBIUCMR41 ... (COM Expansion Board)
  PFXZPSEUUPB1 ... (UPS battery unit)
  PFXZPSCBUP3 ... (UPS connection cable -3m)
  PFXZFTPNDC1 ... (Noise Filter for Marine Certification - mandatory)

Valid until   2017-01-25

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File No.   **I.B.05**

Hamburg, **2012-11-30**

Type Approval Symbol   (GL)

Germanischer Lloyd   Dr. Joannis Papanuskas   Burkhard Lilienthal