

Type Approval Certificate



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. 19 083 - 11 HH

Company Digital Electronics Corporation
8-2-52 Nankohigashi, Suminoe-Ku
Osaka 559-0031, JAPAN

Product Description Box PC PS4000B series

Type PS-4000B Atom N270, ATOM, up to 3GB RAM, 1 or 2 PCI/PCIe Slots
(No hard disks; CD/DVD drives for service only)

Environmental Category C, EMC1

Technical Data / Range of Application PFXPB1B1BXXXXXXXXXX (one PCI slot)
PFXPB1B2BXXXXXXXXXX (PCI and PCIe slot)
PFXPB1BABXXXXXXXXXX (two PCI slots)

II III 0, 2, 4 or 5 (*1)
II II 0, 1, 3 or 5 (*2)
II I N, B, C, D, S or T (*3)
II 1, 2 or 3 (*4)
I B, D, F or G (*5)

(other X for operation system or software variants)

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 report : Mikes E34678-00HO, Mikes S34730-00-00MJ,
Mikes E34677-00-00HO, Mikes S34731-00-00MJ
Prüfbeschreibung V1.50 (06.10.2010)

Remarks Filter PFXZFTPND1 to be used in DC power line

Valid until 2016-01-03

Page 1 of 2

File No. I.B.05

Hamburg, 2012-11-30

Type Approval Symbol



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".

Type Approval Certificate



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. 19 083 - 11 HH

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

options:

Main memory: up to 3GB DDR2 RAM
Slide-In compact: any sizes of flash disk (SSD), (no hard disks)
Slide-In: CD/DVD drive (for service only). Adapter for Slide-In compact options
Serial adapter: RS232 interface
Compact flash: any size
UPS: UPS module (external battery with cable)
AP link transmitter: 2nd DVI Port
Bus unit: one PCI or two PCI/PCIe slots

Accessories:

PFXZPSSCSSDxxx SSD unit (Slide in disk) (xxx: numeric digits representing sizes)
PFXZCBCFxx CF card (xx: numeric digits representing sizes)
PFXZPSSSMD1 Slide-In CD/DVD drive (for Service only)
PFXZPSSSAD1 Slide-In slot adapter unit
PFXZPSIUDV1 DVI-I/F expansion board
PFXZPBIUCMR41 COM expansion board
PFXZPSEUUPB1 UPS battery unit
PFXZPSCBUP3 UPS connection cable (3m)
PFXZFTPND1 Noise filter for marine certification (mandatory)

*1: None or combinations of RS232 interface and/or 2nd DVI Port

*2: None, Slide-In CD/DVD drive (for service only) or adapter for Slide-In compact options

*3: None or any sizes of compact flash or flash disk (SSD)

*4: Different sizes of main memory

*5: None or UPS module installed (mandatory filter PFXZFTPND1 to be used for B or D)

Valid until 2016-01-03

Page 2 of 2

File No. I.B.05

Hamburg, 2012-11-30

Type Approval Symbol



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".