

# 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. **11 845 - 10 HH**

Company **Hatteland Display AS**  
**Amsosen**  
**5573 Nedre Vats, NORWAY**

Product Description **Compact Fanless Computer**

Type **HT B17 STD and HT B18 STD**

Environmental Category **C; EMC1**

Technical Data /  
Range of Application **Processor : 1 x Intel® Core™2 Duo Desktop Processor P8400 - 2.26GHz,  
Bus Speed 1066MHz, 3MB L2 Cache  
Memory : 2 x 1 GB installed (Dual Channel 200-pin DDR2 800MHz SO-DIMM)  
Graphics : Intel® Graphics Media Accelerator GMA 4500MHD  
Integrated/Daughter Board (CH7307C)  
Graphics Resolution : Max 1600 x 1200 @ 60Hz  
System Chipset : Intel® GM45 /  
ICH9 support Intel® Active Management Technology  
IO Chipset : Winbond W83627DHG  
BIOS : AWARD BIOS  
Ethernet 1 : 1 x 10/100/1000Mbps, ICH9M Intel® 82567L  
Ethernet 2 : 1 x 10/100/1000Mbps, Intel® 82574L PCI-E Gigabit LAN Controller**

## Tests and Evidence according Requirement Class 3

Test Standard **Guidelines for the Performance of Type Approvals VI-7-2 Edition 2003;  
IEC 60945 4th Edition**

Documents **Test report : 2009-3601 Rev 01 dated 2010-03-11  
Data Sheet: HT B17 STD-Axxx and HT B18 STD-Axxx dated 05-03-2010;  
User Manual HT B1x STD INB100032-5 (Rev 4) dated: 11-02-2010  
Drawing No. A001848 dated 07-04-2009**

Remarks **None**

Valid until **2015-09-02**

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

**Hamburg, 2010-09-03**

Type Approval Symbol



**Germanischer Lloyd**

  
Marco Rinkel

  
Andrea Grün

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USB Ports : 4 x USB ports - Supports 2.0 & 1.1  
Keyboard Port : Standard PS/2 mini DIN connector  
Mouse Port : Standard PS/2 mini DIN connector  
Audio : ICH9M +  
AC97 Codec ALC888, 7.1, RCA Jack  
Power Manager : ACPI  
Watchdog Timer : Reset: 1 sec.~255 min. and 1 sec. or 1 min./step

Power Supply Options: 115&230VAC - 50/60Hz + 24VDC  
Power Consumption - Operating : 30W

## HT B17 STD

PCI Slots : None  
Serial Ports : 1 x RS-232 (COM1)

## HT B18 STD

PCI Slots : 2 x PCI Rev2.3 Slot 32-bit, 3V and 5V Interface, Full Height & Half Length (Default Configuration)  
Serial Ports : 1 x RS-232 (COM1) + 1 x RS-232/RS-422/RS-485 (COM2) 2 x DB9M

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