

File E194252

Project 03CA09367

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REPORT

on

COMPONENT - INFORMATION TECHNOLOGY EQUIPMENT,
INCLUDING ELECTRICAL BUSINESS EQUIPMENT

FOR USE IN

INFORMATION TECHNOLOGY EQUIPMENT, INCLUDING
ELECTRICAL BUSINESS EQUIPMENT

Kontron Technology, Denmark

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DESCRIPTION

PRODUCT COVERED:

USR/CNR - CPU Board. Models, 886LCD/ATX, 886LCD/ATXU, 886LCD/ATX(GE)

ELECTRICAL RATING:

No Electrical ratings are required - Optional for the applicant.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

The CPU boards covered by this report is to be considered SELV. They are powered by SELV.

Special Considerations - The following items are considerations that were used when evaluating this product.

USR/CNR - indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, CSA C22.2 No. 60950 * UL60950, Third Edition, dated December 1, 2000.

For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

The equipment was submitted and tested for a maximum manufacturer's recommended ambient (Tmra) of 60°C.

The equipment is Class III (supplied by SELV),

CONDITIONS OF ACCEPTABILITY - When installed in the end-product, consideration shall be given to the following:

1. This unit has only been evaluated for connection to SELV circuits.
2. This component has been judged on the basis of the required spacings in the Standard for Safety of Information Technology Equipment, CSA/UL60950, Third Edition, dated December 1, 2000, Sub-clause 2.10
3. The terminals and connectors are suitable for factory wiring only.
4. The equipment has been evaluated for use in a Pollution Degree 2 environment.
5. A suitable fire enclosure shall be provided in the end product.
6. Heating Test must be conducted in the end product.

CONSTRUCTION DETAILS:

See Section General for additional details.

Model Differences - The four model variants of the family series 886LCD are identical except for minor differences in PWB design and accessory options. The variations in the different model variants are displayed in the table below.

Accessory/Model	886LCD/ATX	886LCD/ATXU	886LCD/ATX (GE)
Format	12"x9.6"	9.6"x9.6"	12"x8.7"
Chipset	Intel 845G	Intel 845G	Intel 845GE
PCI slots	5 Master/ Slave + 1 Slave	3 Master/ Slave	6 Master/ Slave
DDR support	Up to DDR 266 (PC2100)	Up to DDR 266 (PC2100)	Up to DDR 333 (PC2700)
Audio	Line in Line out Microphone in	Line in Line out Microphone in	Line in Line out Microphone in or configured as 6 channel audio.

Instruction manual - provided with each unit.

Printed Wiring Board - See Section General for details.

Battery Replacement Marking - See Section General.

Model 886LCD/ATX(GE):

FIG. 1 (D0300288)

FIG. 2 (D0300289)

General - FIG. 1 and 2 shows top, bottom view of model 886LCD/ATX.
Model 686LCD/ATX(GE) is representative for all models.

1. Connectors - (SELV), see Section General.
2. Battery - (BBCV2), Newsun, type CR2032. Rated 3.3 V, 10 mA/h. Secured to holder by snapfit. See. ILL. 1 (D0340342) for battery protection circuit.
3. Polyswitch (F1 to F4, PS1)- (XGPU2) Tyco Electronics, type MiniSMD110, rated 8 V, 1.1 A, provided for USB, Game Port and PS/2 connectors
Alternate - Same as above except Polytronics Technology, type SMD1812110TG/S, rated 6 V.
4. Heatsink Pedestal - (QMFZ2) E I Dupont, type 101L, rated min V2, measuring overall approximately 89 by 76 by 25 mm min 0.71 mm thick.