



SHOW CONTROL MACHINE PRO

> Rugged Show Control Hardware

Benefits

Industrial rack mountable PC customized for Medialon Manager Software

Intel Core 2 Duo Processor

2 GB RAM

Hot Swappable RAID5 hard drives with 700GB of storage

Double SVGA output board

4 Integrated RS232 Serial ports

Redundant Power Supply

5 PCI slots & 1 PCI Express x1 slot, it can accept accessory boards for: RS232, 422, 485, Time Code, DMX512 as well as direct MIDI

Applications

Theme Parks

Live Events

Cabarets

Cruise Ships

Rock Concerts

Architectural Video

Show Control Machine PRO is a rugged industrial rack mountable PC customized for Medialon Manager Software, specifically designed for Show and Media Control applications.

Reliability

Show Control Machine PRO has been designed with critical applications in mind and every detail has been set to ensure maximum reliability when hardware failure is not an acceptable option.

- Industrial rugged case, with rigid mechanics to insure firm PCI card and accessories attachment.
- 4 hard drives in RAID-5 to ensure continuous operation in case of hard drive failure.
- Redundant power supply maintains power and warns operator with an alarm in case of failure.
- Oversized memory for maximum programming comfort.

Alarm & Maintenance

Show Control Machine PRO includes an alarm via buzzer for the fans and the redundant power supply.

Extension & Accessories

Granted with 5 PCI slots, it accepts accessories including RS232, RS422 PCI boards, Time Code boards, DMX512, and 32 I/O boards.

Show Control Machine PRO also includes 4 built-in serial RS232 ports and MIDI connectors.

A double SVGA output board allows an extra display which can be used either as a distant back-stage information panel or simply as an extension screen to increase visual comfort during programming.

Part Number

GD_SCMPRO Show Control Machine PRO standalone (no accessories), including installation, configuration and test

Motherboard & CPU

Motherboard Industrial EAX-Q35 LGA775
Slots 5 PCIs and 1 PCI Express x1
CPU Intel Core 2 Duo 2,13GHz
Chipset Intel® Q35 + ICH9DO

Memory & Storage

RAM 2GB DDR2 SDRAM 667Mhz
HDD 4 Hot Swappable SATA 7200T
Hard drives in RAID5 configuration, 700GB Storage capacity
Optical DVD-Rom Drive

Display

Graphic Board NVidia GeForce 7600 PCI-e, 256MB, 2 x SVGA Dual Display

Audio

Chipset Realtek ALC888 5.1 + 2CH audio codec
Connectors 1 Mic In, 1 Line In, 1 Line Out

Network Connection

Connector 2 RJ45 female
Interface 10/100/1000Mbps
Chipset Dual Realtek RTL8111C Gigabit Controller

USB Connection

Connector 4 USB on real panel, 2 USB on front panel
Interface USB2

Serial Ports

Number 4
Connector 9-pin D-type Male
Format 4 x RS232

Power

PSU Redundant Auto-range 90-260 VAC – 400W + 400W

Physical

Form Factor Rack 19" 4U Black
Size 440 x 176 x 540 mm
Weight 30 kg (66.14 lb)
Temperature 32°F - 140°F (0°C – 60°C)
Humidity 0 – 90% RH Non-condensing

Operating System

Windows XP Pro SP 2 For Embedded System

Accessories

Included: Power cables
Microsoft QWERTY Keyboard and a mouse
US XP Pro OS

Show Control Accessories

Included: MIDI Cable 1 Out, 1 In

Optional: DMX Board (SL_DMX_PCI)
PCI DMX Board 1024 out/1024 in (1512C)

Time Code Board (AD_RG1_PCI)
PCI Time Code Board EBU/PAL, reader/generator

RS232 Serial Board (AK_C104_PCI) PCI 4 ports
RS232 Board, out Sub-D9

RS422/485 Serial Board (AK_CP114) PCI 4 ports
RS422/485 Board, out Sub-D9

I/O Board (AK_7432) PCI 32 I/Os Board, DIN100 breakout connector

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