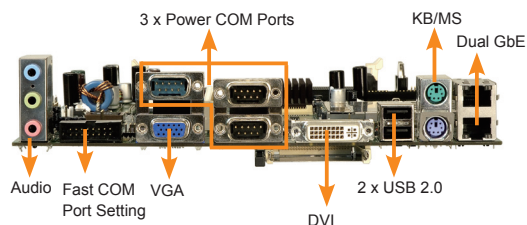
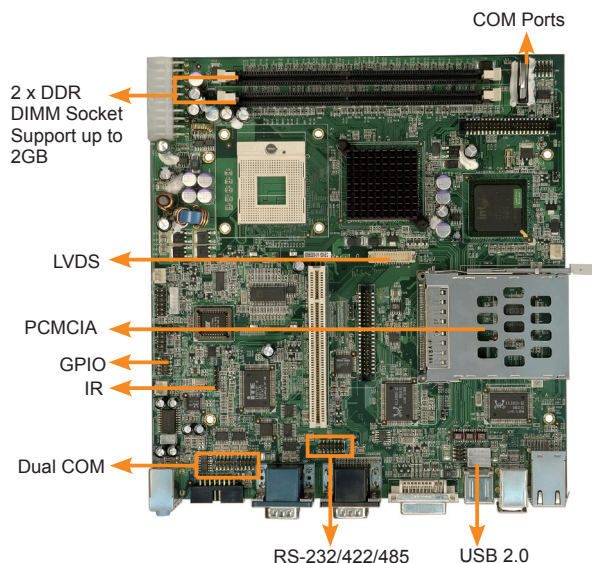


A300

Intel® Pentium® M/ Celeron® M LPX Mainboard, Socket 479
400MHz FSB with Independent Dual Display

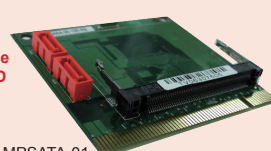


Specifications

- ◆ **CPU**
Socket 479 Intel® Pentium® M/ Celeron® M (Banias core) support 400MHz FSB up to 2.10GHz
On-board Celeron® M 600MHz 512K Cache/1.0GHz zero cache
- ◆ **System Chipset**
Intel® 855GME + ICH4
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
2 x 184-pin DDR 266/333MHz up to 2GB
- ◆ **Ethernet**
Dual RealTek RTL8110S GbE chipsets
- ◆ **I/O Interface**
6 x USB 2.0
1 x CF Type II
5 x RS-232
1 x RS-232/422/485
2 x PS/2 for KB/MS
2 x IDE
1 x IrDA
- ◆ **Expansions**
1 x PCI
1 x PCMCIA
- ◆ **Digital I/O**
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ **Super I/O**
ITE IT8712F-A/ IXS
- ◆ **Audio**
Realtek ALC655 with AC'97 codec
- ◆ **Display Interface**
VGA integrated in Intel® 855GME
DVI integrated in Silicon image SIL164
18-bit dual channel LVDS
Support independent dual display
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**
ATX power supply
- ◆ **Power Consumption**
3.3V@0.46A, 5V@1.05A, 12V@0.41A, 5VSB@0.29A, -12V@0.74A
(Pentium® M 1.6GHz CPU with 256MB DDR 333 SDRAM)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ **Humidity**
Operation: 5% ~ 95% non-condensing
- ◆ **Dimensions**
235mm x 220mm
- ◆ **Weight**
GW: 1200g / NW: 680g

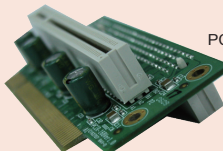
Upgrade Option MPSATA-01+ PCIR-168 (SATA RAID, Mini PCI Function Option)

Low-Profile SATA RAID Mini PCI



MPSATA-01

PCIR-168



PCIR-168

MPSATA-01-R10 (Two SATA and Mini PCI Socket Module)

Features

- 2 x SATA with RAID 0,1 Function
- Support by ALIM5283
- 1 x Mini PCI Slot
- 77.8mm x 79.8mm

PCIR-168-R10 (Two PCI Slot Riser Card)

Features

- One Slot PCI Riser Card
- Butterfly Bidirectional Design
- 97.3mm x 46.7mm

Mini PCI Wireless Card



Packing List

1 x A300 LPX Industrial Mainboard
1 x RS-232/422/485 Cable (P/N: 32200-000061-RS)
1 x IDE Flat Cable 44p/40p/40p (P/N: 32200-008800-RS)
1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)
2 x Single Port RS-232 Cable (P/N: 32200-000049-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
A300-R10	LPX Socket 479 Pentium® M/ Celeron® M 400MHz FSB CPU Board with DVI, VGA, Dual GbE, USB 2.0, Audio and Power COM Ports
A300-600-R10	LPX ULV Intel® Celeron® M 600MHz 512K Cache CPU Board with DVI, VGA, Dual GbE, USB 2.0, Audio and Power COM Ports
A300-1GZ-R10	LPX ULV Intel® Celeron® M 1GHz Zero Cache CPU Board with DVI, VGA, Dual GbE, USB 2.0, Audio and Power COM Ports
CF-479A-RS	CPU Cooler
CF-518-RS	CPU Cooler
MPSATA-01-R10	PCI Module with 2 x SATA, ALI M5283 RAID 0,1 Function and Mini PCI Function Support
PCIR-168-R10	Two Slot PCI Module with Bidirectional Design

A300 for Medical Systems

- Low Power, low thermal, complete I/O support
- Smallest unit of size: Strategic Health Authority
- Community based systems
- Large area of image distribution with a single patient folder

A300 COM Port Support

Fast COM Port Setting

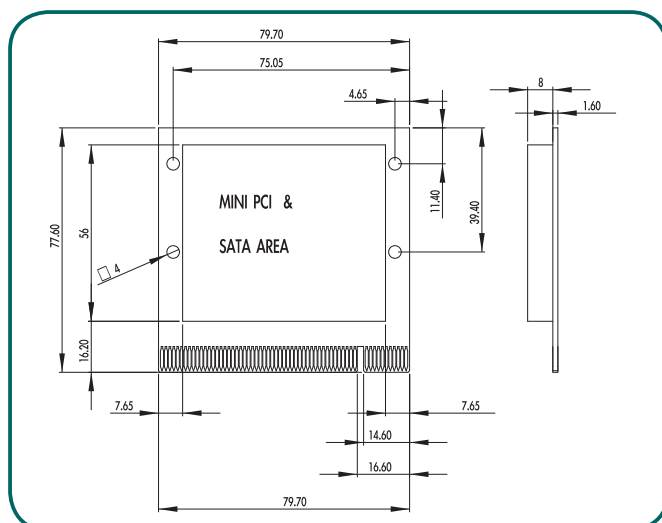
A300 power com ports with fast jumper switch provides all portable digital medical devices

1. RS-232/422/485 Data communication
2. Fast 5V / 12V power selection

PIN No.	Description	PIN No.	Description
1-3	COM1 with 5V	2-4	COM2 with 5V
3-5	COM1 with 12V	4-6	COM2 with 12V
7-9	COM3 with 5V	8-10	COM3 - RS-232
9-11	COM3 with 12V	10-12	COM3 - RS-422/485

Dimensions

MPSATA-01



PCIR-168

