

ADC-2000, Advance Data Concentrator Gateway (Preliminary)

Features

- **High Performance**

The ARM-based processor with 600MHz~1GHz speed enables to create complicated applications or daemons. The single gateway equips the larger service capacity.

- **Rich I/O Interfaces**

ADC-2000 has not only low speed, but also high speed communication interfaces. RS-232, RS-485, GPIO, USB and 10/100 Ethernet are available for any system deployment.

- **Power Line Communication (Option)**

Power Line Communication (PLC) offers the wired communication for Smart Grid Application.

- **Wireless Communication**

Optional wireless modules, Wi-Fi, Zigbee (Option) or 3G Dongle(Option) are ready for your applications.

- **Embedded System**

Infosystem has prepared a complete embedded Linux for system developers. To implement your Linux AP is easy.

- **VESA Mount Compatible**

With the wall-mount bracket, ADC-2000 is easy to be installed in any place. For example, the back of the flat display, which is compatible with the international VESA standard.

- **Recovery Mechanism**

A solid monitor mechanism is built-in with ADC-2000. The hardware watchdog timer keeps the signage alive. Enhancing your system with ADC-2000 is a great idea.

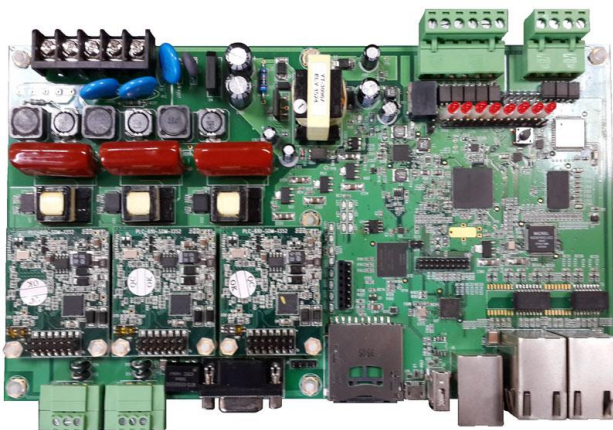
System

Processor	TI Cortex-A8™ , 600MHz ~ 1 GHz(Diff Model)
Memory	DDR III 256MB
Internal Storage	NAND Flash, 2 Gb (Default), eMMC
Watch Dog	Hardware Timer (MPU)
LED Indicator	Power x 2, GPIO x 8, G3-PLC x 6,
Button	Power
Mount Type	VESA Mount, mm x mm VESA Mount, mm x mm
Working Temperature	0°C - 60°C
Working Humidity	5% - 85%
Dimension	mm x mm x mm
Weight	g
AC/DC Adapter	Build in Input: 100~240V AC
Power Consumption	Less than 10 Watt

I/O Interfaces

Network	Ethernet Local Lan 10/100Mbps RJ-45 x4 x1 WAN x 1
Wireless (Optional)	802.11 b/g/n, Zigbee, 3G Dongle
G3-PLC (Optional)	G3-PLC x 3
USB Port	Type-A USB Host x 1, Micro AB OTG
SD Card Slot	SD/SDHC (Up To 32GB)
RS-485	Isolated RS485 x 2
COM Port	RS-232 x 1, DB-9
GPIO	Isolated 5 Digital Input/ 3 Digital Out

All specifications are subject to change without prior notice.



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