EC-1010 Series
EC-1020 Series ▶ Enhanced 1U/2U Server Chassis

EC-1026, EC-1027 Support Intel Pentium® 4 System

NEW

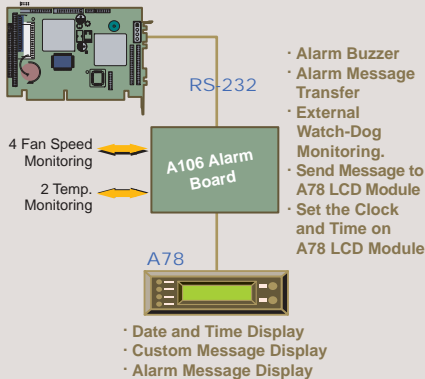**EC-1010**

EC-1020

EC-1027

ACE-840APU2
400W ATX Power Supply with PFC Function

Internal Monitoring System

RS-232

4 Fan Speed Monitoring

2 Temp. Monitoring

A106 Alarm Board

· Alarm Buzzer
· Alarm Message Transfer
· External Watch-Dog Monitoring.
· Send Message to A78 LCD Module
· Set the Clock and Time on A78 LCD Module

A78

· Date and Time Display
· Custom Message Display
· Alarm Message Display

PCI-5SDA

PCI-6SDA

PX-6SDA

ACE-840APU2

| Nominal | Regulation | Ripple/Noise | ACE-840APU2 | |
			Min.	Max.
+3.3V	−5%	50mV	-	28A
+5V	−5%	50mV	3A	33A
+12V	−5%	120mV	1A	22A
-5V	−5%	50mV	-	0.5A
-12V	−10%	120mV	-	1A
+5Vsb	−5%	100mV	-	2A

The output of +3.3V and +5V shall not exceed 200W.
Total output maximum 380W.

■ SPECIFICATIONS

- **Height :** 1U - EC-101x series
  2U - EC-102x series
- **Display:**
  A78 2x20 characters LCD Module with time clock(Year : Hour : Min. : Sec.) function inside
- **Power Supply :**
  Equipped with Removable power supply which makes it easier for maintenance.
  EC-1010/1012/1014 series — ACE-1010A 170W ATX Power Supply with PFC
  EC-1020/1022/1024 series — ACE-1020A 270W ATX Power Supply with PFC
  EC-1026/1027 series — ACE-840APU2 400W ATX power supply
- **3.5" Hard Disk Drive Bay:** Removable (Aluminum Housing for best cooling performance). Two type HDD bays are provided
  IDE Interface HDD Bay : support ATA-100 interface
  SCSI Interface HDD Bay : support SCA HDD
- Support Slim-type CD-ROM(includes connection kit) and standard 3.5" Floppy Disk Drive
- **Temperature sensors:** Two temperature sensors to monitor system temperature.
- **Alarm:** message through RS-232 to system and also to A78 LCD Module
- **Chassis Color :** Black
- **Operating Temperature :** 0-40ºC (worse case by Dual PIII-850 Processor Board and full loading HDD/FDD/CD-ROM.)
- Equipped with PCI-2SD2(2 free PCI slots) Backplane for EC-1010 CPU board type model.
- MB-3792G ATX Main Board is well designed to work with EC-1012/1022/1027 Chassis.
- EC-1012/1022/1027 also accepts general ATX mother board. But prefer to check mechanical drawing first to make sure can fit in.
- **Depth :** 601mm
- **Net/GW (kg):** 8/14(EC-1010/1012/1014), 11/17(EC-1020/1022/1024/1026/1027)

■ ORDERING INFORMATION

- **EC-1010B** `DB` .... Enhanced 1U server chassis , with PCI-2SD2
- **EC-1012B** `DB` .... Enhanced 1U server ATX chassis
- **EC-1014B** `DB` .... Enhanced 1U server chassis , with PCI64-2SD
- **EC-1020B** `DB` .... Enhanced 2U server chassis
- **EC-1022B** `DB` .... Enhanced 2U server ATX chassis
- **EC-1024B** `DB` .... Enhanced 2U server chassis
- **NEW** **EC-1026B** `DB`**/ACE-840APU2** Enhanced 2U server for P4 chassis
- **NEW** **EC-1027B** `DB`**/ACE-840APU2** Enhanced 2U server for P4 ATX chassis

`DB` **:** HDD Drive Bay Code

ID : IDE Interface **SD :** SCSI Interface

4ID : Four independent IDE Interface (2U)

Backplane for EC-1020/1026 Chassis
- **PCI-5SDA** 1 PICMG/4 PCI Backplane
- **PCI-6SDA** 1 PICMG/2 PCI/2 ISA Backplane, One PCI can be ISA slot.
- **PX-6SDA** 1 PICMG/5 PCI Bridge Backplane
- **PCIAGP-5SD** 1 PCIAGP/3 PCI/1 AGP Backplane

Backplane for EC-1024 Chassis
- **PCI64-5SD** 1 PICMG/4 64 bit PCI Backplane

PCI Riser Card :
- **PCIR-01** One slot PCI Riser Card for EC-1012
- **PCIR-03** Three slots PCI Riser Card for EC-1022/1027

ATX Main Board for EC-1012/1022/1027 Chassis :
- **MB-3792G :** Dual Socket-370 Processor ATX Main Board with Gigabit Lan
- **MB-3792 :** Dual Socket-370 Processor ATX Main Board

PCI-2SD2 Backplane Provides 2 Full Length PCI Add-On Cards in 1U Chassis

Best User Interface Designed by Front Panel 2 x 20 Characters LCD Module (A78)