

AR-ES0831FL
Installation Guide

Version 1.1

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1. Introduction to AR-ES0831FL

The AR-ES0831FL is a system product mainly for ticket control, navigation, advertising, fleet managements applications. With fanless-design & powerful Intel CPU core, AR-ES0831FL can satisfy the users requirement in any application environment. AR-ES0831FL has diverse physical interface in the front panel, such as 2*10/100 LAN connectors, build-in LEDs, 2 USB Ports, four console ports, LVDS port, power switch & audio output. In addition, the system provides the capacity for extending I/O device by adding DRAM, CF card depending on users needs. Besides, the users also can have for wireless module with antenna installed into this system.

1.1 Discrimination (included Rubber Foot)

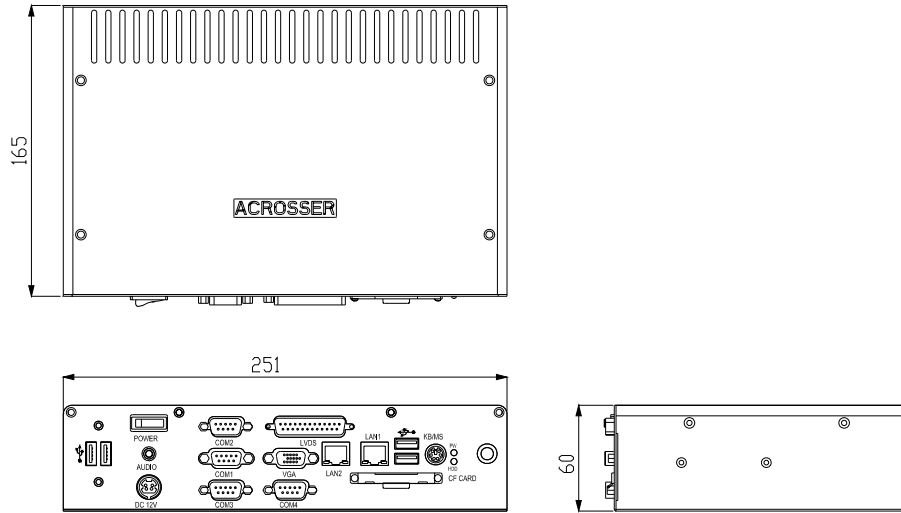
Description	AR-ES0831FL
CPU Board	AR-B1831 series
Dimensions	251×165×60 (mm)

1.2 Packing List

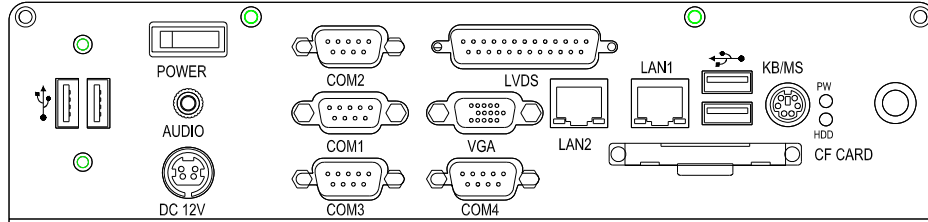
Description	Q'ty
AR-ES0831FL	1
Power Adapter(Optional)	1
Power Cord	1
Cable (HDD/KB)	1
HDD cable	1
CD	1
Quick Guide (AR-B1831)	1

1.3 Main system

(1) Dimension



(2) Outlet (front side board)



2. Procedure of Assembly/Disassembly

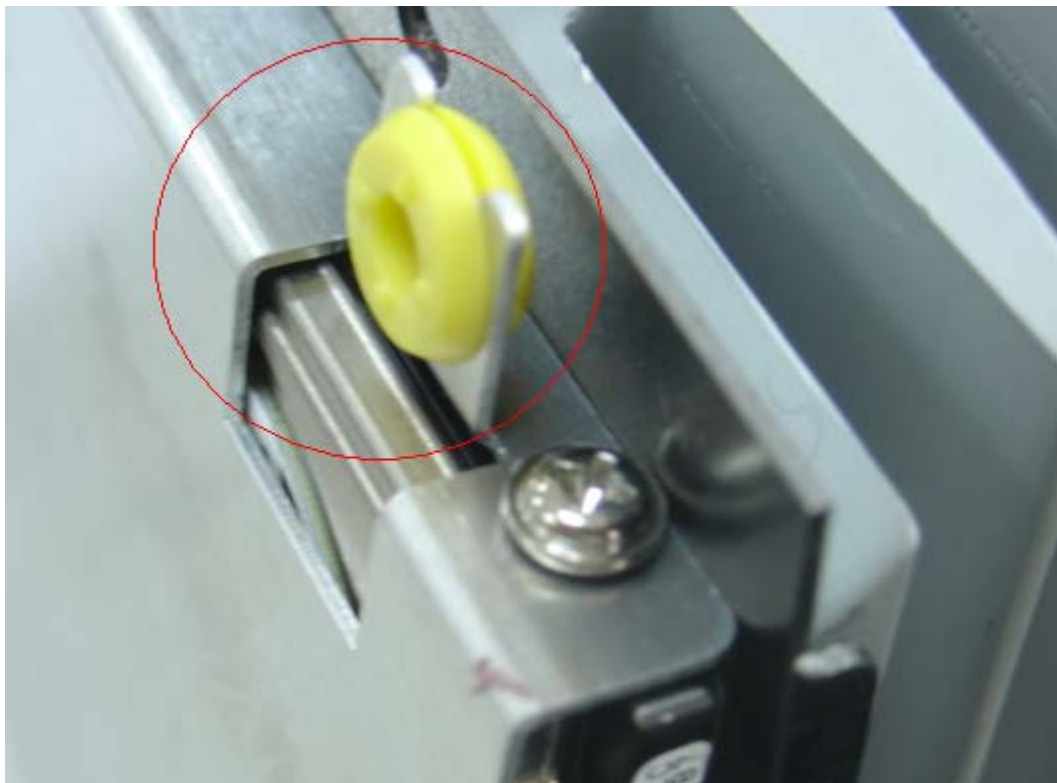
2-1 Installing the 2.5" Hard Disk Drive (HDD)

The following are instruction for installation.

1. Remove bottom door screws



2. Installing rubber on the HDD bracket



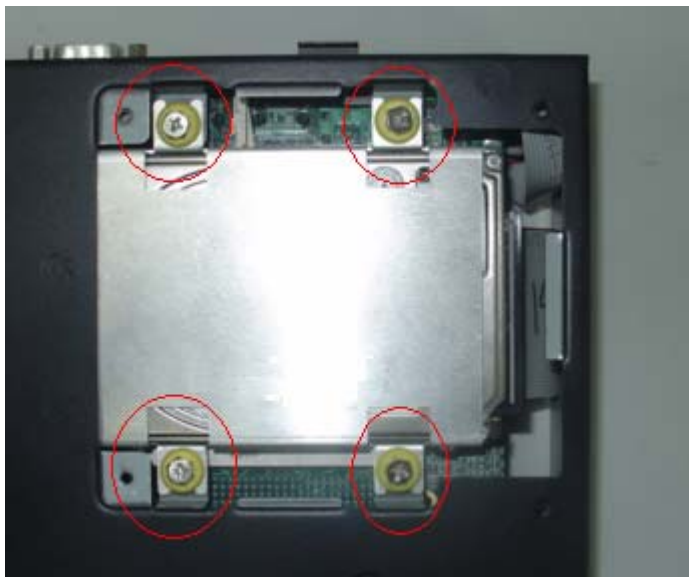
3. Lock HDD and Bracket use screw (4pcs)



4. Insert HDD cable to HDD

5. HDD to place at system

6. Lock bracket to case use screw



7. Lock bottom door screw

2-2 Installing CF card & SO-DIMM

The following are instruction for installation.

Install SO-DIMM

1. Remove bottom door screw
2. Un-install HDD
3. Install SO-DIMM



4. Re-install HDD
5. Lock bottom door screw

Install CF card

1. Remove CF bracket screw



2. Install CF card to CF bracket



3. Insert to CF card Hole
4. Lock CF bracket use screw