Embedded Systems
ES100

E131107

Features and Benefits

- Sleek and compact design for standalone or wall-mount
- Low power
- Drive bays for a 2.5" HDD & a Slim DVD ROM Combo
- 1 accessible CF card reader protected by the lid
- Accessible bottom door for easily upgrading So-DIMM memory
- Powered by 12V DC-in external adapter
- Support Intel® Core 2 Duo processors

SYSTEM SPECIFICATIONS

CHASSIS
- Dimensions (L x W x H): 230 mm x 181 mm x 50 mm
- Mounting: Standalone or Wall-Mounted
- Color: Black
- Construction: S.E.C.C.(Steel-Electrogalvanized-ColdRolled-Coil)
- Net Weight: 1.9kg

DRIVE BAY
- Expansion for a Slim 2.5" HDD and a Slim DVD-ROM Combo

SYSTEM FAN
- One CPU cooler, including head-sink and fan
- Dimensions (L x W x H): 50 mm x 50 mm x 22 mm

LED
- LED for power and HDD status
- LED for LAN status

POWER ADAPTER
- AC Input: 100 ~ 240 V; 1.2A, 50-60Hz
- DC Output: 12 V / 6.25A (75W)

OPERATING TEMPERATURE
- 0 to 45°C under 10-90%RH

STORAGE TEMPERATURE
- -20 to 70°C under 5-95%RH

EMC AND SAFETY
- FCC class B, CE, UL, CUL (certification in progress)
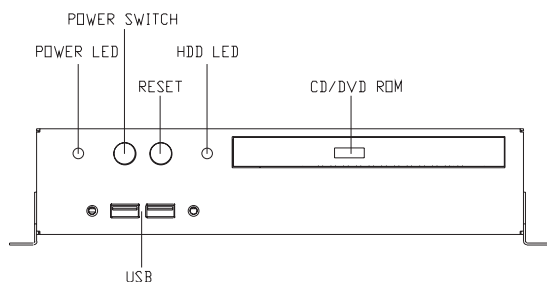
SYSTEM MODEL

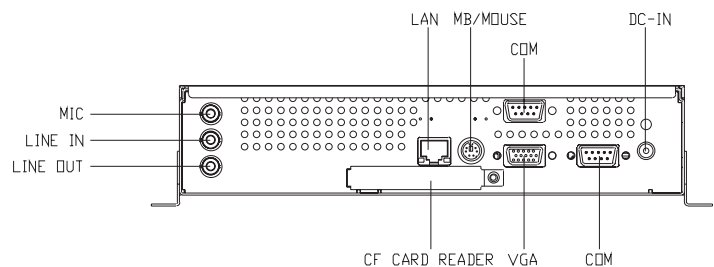### SYSTEM MODEL
- ES100
 (without CPU)

ES100 industrial main board inside, w/ 3.5" DFI-ACP SBC board - CT950-B inside Support Intel® Core 2 Duo, Core Duo, Solo and Celeron-M CPU by 478 socket and Intel® 945GME / ICH7M chipset. 1 CF slot, 1 Giga-LAN, 12V DC-In

FRONT PANEL EXTERNAL I/O

POWER SWITCH
POWER LED   HDD LED
RESET   CD/DVD ROM
USB

REAR PANEL EXTERNAL I/O

LAN MB/MOUSE   DC-IN
COM
MIC
LINE IN
LINE OUT
CF CARD READER VGA   COM

Packing List

· 1 x ES100 Unit
· 1 x Power Adapter 75W *
· 1 x Utility Manual CD
· 1 x Installation Guide
· 1 x IDE cable
· 1 x ES100 chassis kit
· 2 x L-Shaped Brackets for wall-mounted
· 1 x SATA Cable
· 1 x SATA-Power Cable

* The power cord is ordered separately,
  based on the different areas requirements.

ORDERING INFORMATION

· **ES100**
  750-ES1001-000G

ES100 Embedded System
with 3.5" DFI SBC board - CT950-B,
Support Intel® Core 2 Duo, Duo/Solo and
Celeron-M CPU, Intel® 945GME / ICH7M,
w/ Heat-Sink & 12V Fan, 2 x USB, 2 x COM,
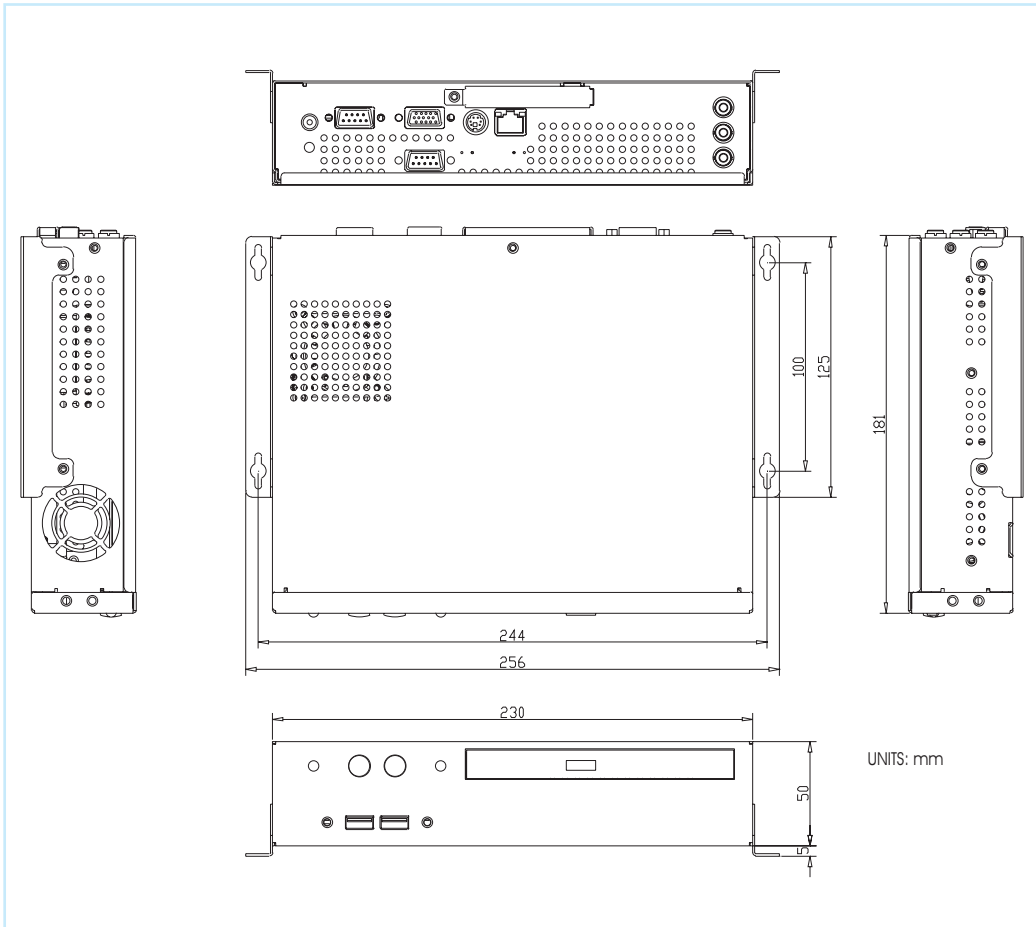1 x LAN, 1 x CF Slot, 1 x DVD ROM Combo

OPTIONAL ITEMS

· **635-508092-100G**   Slim HDD-SATA 2.5" 80GB 5400rpm
· **632-116020-400G**   Slim DVD-ROM Combo
· **332-700190-004G**   Power Cord US Type 1830mm RoHS

SPARE PARTS

· **671-107501-000G**   Power Adapter 75W
· **332-853044-004G**   IDE Cable 15cm
· **332-753011-004G**   SATA Cable 12cm
· **332-853045-004G**   SATA-Power Cable
· **685-ES1000-000G**   ES100 Metal Case
· **551-862034-000G**   L-shaped bracket for wall-mounted
· **552-200039-000G**   CPU Cooler, 50x50x22mm, w/Fan 12V

DIMENSIONS

100
125
181
244
256
230
50
5

UNITS: mm

Medical Equipment Application

Transportation Application

Networking Application

Security Application

POS Application

General Application

Preliminary

www.dfi-acp.com   **DFI-ACP**