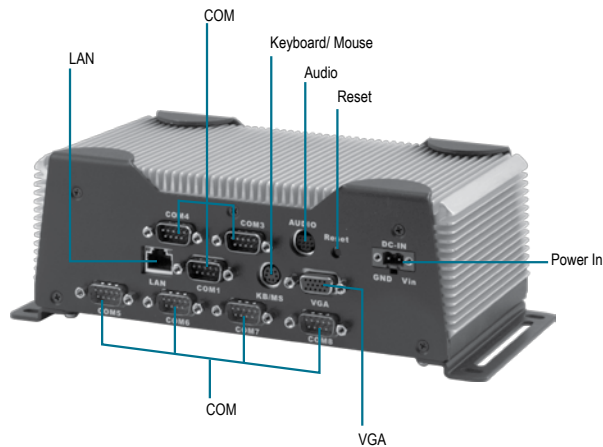
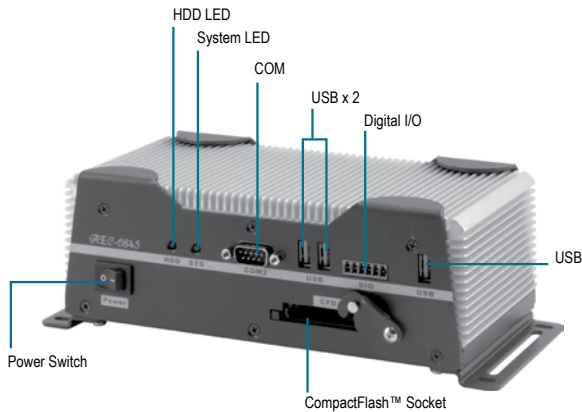


■ Fanless Embedded Controller With ULV Celeron® 400/650 MHz, 8 COM, Single LAN



## Features

- Fanless
- Wide Power Input Range
- COM Port x 8
- Mini Size
- Good For IPC Application
- AT Power Function



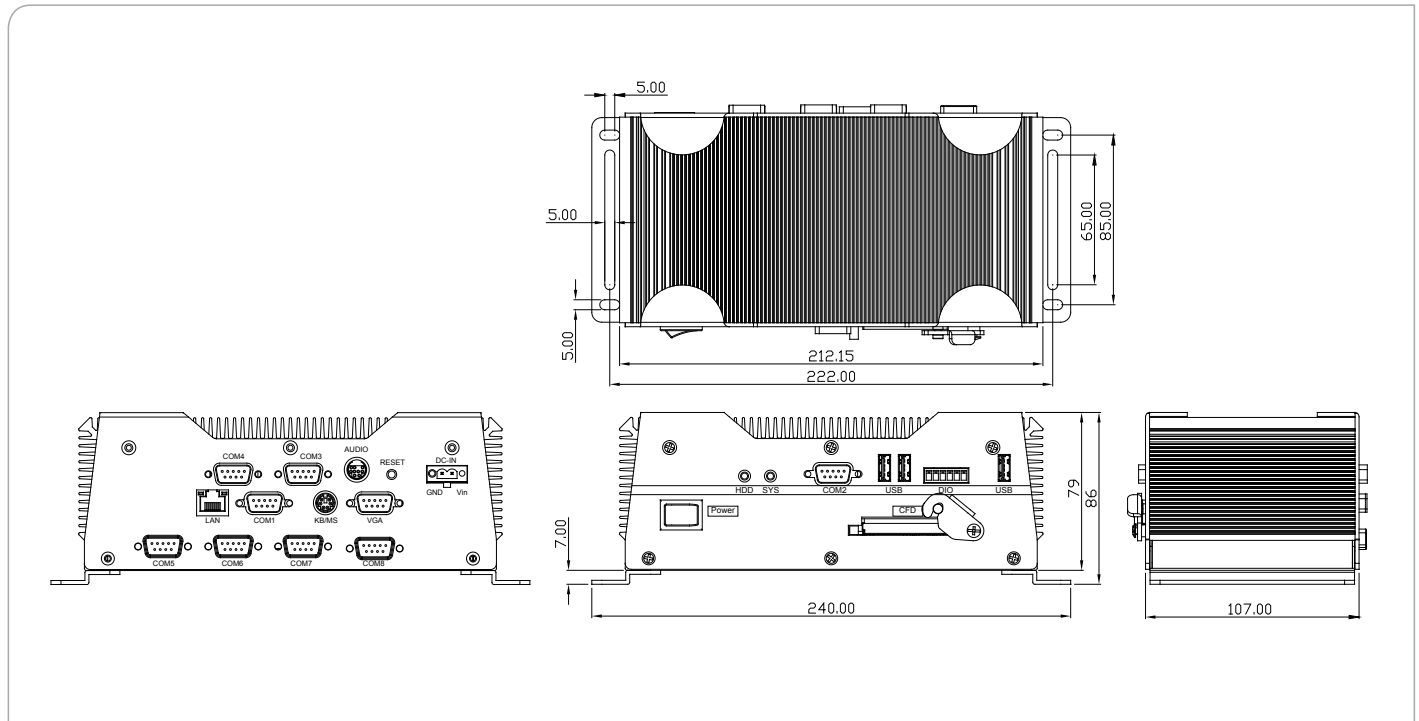
## Specifications

System	
Processor	Intel® ULV Celeron® 400/650 MHz EBCA mobile CPU
Memory (Optional)	DDR RAM SODIMM x 1, Max. 512 MB
VGA/ Keyboard/ Mouse	VGA x 1, PS/2 Keyboard & Mouse x 1
Ethernet	10/100Base-TX Ethernet, RJ-45 x 1
SSD	CompactFlash™ x 1
Hard Disk Storage	Hard Disk Drive Kit (optional)
Expansion Interface	COM x 8 (RS-232 x 5, RS-232/422/485 x 3)
Audio	Audio x 1
USB	USB2.0 x 3
System Control	Power ON/OFF Switch x 1, Reset Button x 1
LED Indicator	Power on x 1, Active LED x 1
Watchdog Timer	Generates a time-out system reset, setting via software
Power Supply	1. DC Input: Internal DC-DC Converter (Default) Input voltage: 9V DC ~ 30V DC
	2. AC Input: External Power Adapter (Optional) Input voltage: 100V AC ~ 240V AC @ 50 ~ 60Hz
Power Consumption	Intel® ULV Celeron® 650 MHz 1.61A@12V
MTBF (Hours)	80,000
OS Support	Windows® XP, Windows® XP Embedded, WinCE, Linux
Mechanical	
Construction	Rugged Aluminum Alloy Chassis with Blue Bezel and Silver Strip
Color	Dark blue
Mounting	Wallmount
Dimensions	9.45" (W) x 3.39" (H) x 4.21" (D) (240mm x 86mm x 107mm)
Carton Size	12" (W) x 7.87" (H) x 9.45" (D) (305mm x 200mm x 240mm)
Net Weight	4.75 lb (2.16 Kg)
Environmental	
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C) – with CompactFlash™ (650 MHz) 5°F ~ 131°F (-15°C ~ 55°C) – with HDD (650 MHz)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Vibration	5g rms / 5 ~ 500Hz / operation – CompactFlash™ 1g rms / 5 ~ 500Hz / operation – with HDD
Shock	50G peak acceleration (11 msec. duration) – CompactFlash™ 20G peak acceleration (11 msec. duration) – with HDD
EMC	CE / FCC Class A

# AEC-6845

## Dimension

Unit: mm



## Ordering Information

- **TF-AEC-6845-A1-1010**  
Embedded Controller, ULV Celeron® 650 MHz, Fanless, DC 9-30V, 1 LAN, 8 COM, 6 DIO, 3 USB
- **TF-AEC-6845-A2-1010**  
Embedded Controller, ULV Celeron® 400 MHz, Fanless, DC 9-30V, 1 LAN, 8 COM, 6 DIO, 3 USB

## Optional Accessories

- **9741681001**  
2.5" IDE Hard Disk Drive Kit
- **9741681002**  
AC Input Adapter Kit (36W), Input: AC 90 ~ 264V; Output: DC 12V
- **9741681003**  
DIN Rail Kit
- **9741681004**  
Ultra Cooling Kit
- **9783204012**  
Automotive Hard Disk Drive 40G (IDE)