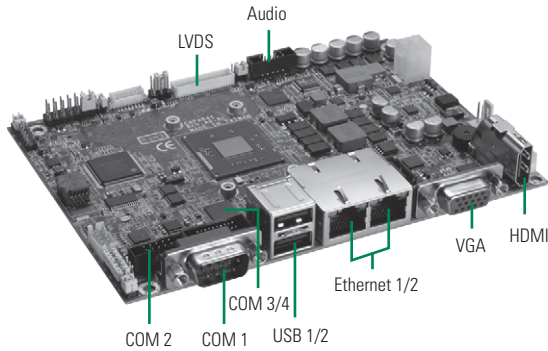


# CAPA841

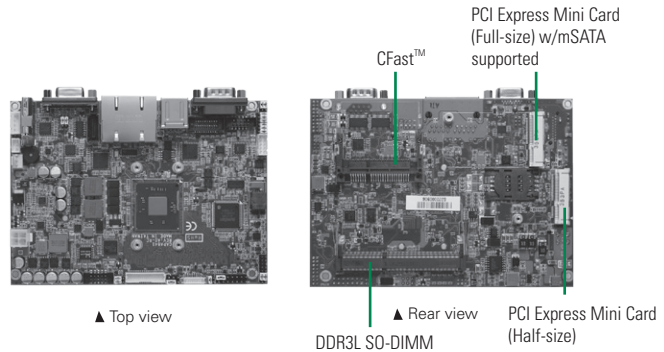
Intel® Atom™ Processor E3845/E3826  
3.5" Embedded SBC with LVDS/VGA/  
HDMI, 2 GE & Audio

**NEW**



## Features

- Intel® Atom™ processor E3845 (1.91GHz)/E3826 (1.46GHz)
- 1 DDR3L SO-DIMM supports up to 8GB memory capacity
- 4 USB 2.0 ports
- 4 COM ports



## System

CPU	Intel® Atom™ processor E3845 1.91GHz quad core, E3826 1.46GHz dual core onboard
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8GB
Chipset	N/A
BIOS	AMI
SSD	1 x CFAST™
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x Full-Size Mini PCI Express Mini Card with mSATA supported 1 x Half-Size Mini PCI Express Mini Card
Battery Lithium	Lithium 3V/220mAH
Power Input	2 x 2-pin connector +12V DC-in only AT Auto Power On function supported
Power Requirements	TBD
Size	146 x 104 mm
Board Thickness	1.6 mm
Temperature	-40°C ~ +85°C (-40°F ~ 185°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x RS-232/422/485 2 x RS-232
SATA	1 x SATA-300
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 port 10/100/1000 Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel i210IT
Audio	HD Codec audio as MIC-in/Line-in/Line-out/Speaker out with Realtek ALC662
USB	4 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels IN/OUT programmed

## Display

Chipset	Intel® integrated Gfx graphic engine
Memory Size	Share System memory
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel 1 x HDMI

## Packing List

### Standard

Quick installation guide, User's Manual/Utility CD and cable

## Ordering Information

### Standard

CAPA841VHGGGA-E3845	3.5" Embedded SBC with Intel® Atom™ processor E3845 1.91GHz and VGA/LVDS/HDMI, 2 GE, Audio and Gift Box
CAPA841VHGGGA-E3826	3.5" Embedded SBC with Intel® Atom™ processor E3826 1.46GHz and VGA/LVDS/HDMI, 2 GE, Audio and Gift Box