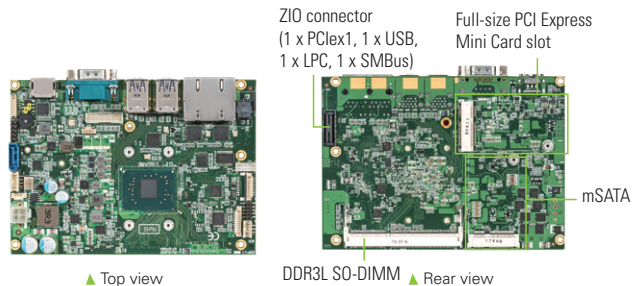
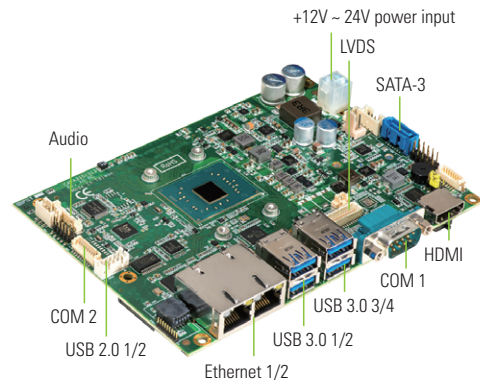
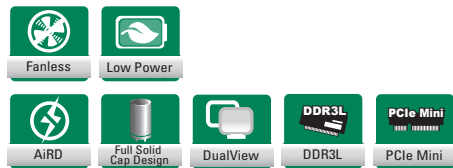


# CAPA313 NEW

3.5" Embedded SBC with Intel® Pentium® Processor N4200 & Celeron® Processor N3350, LVDS/HDMI, Dual GbE LANs and Audio

## Features

- Intel® Pentium® processor N4200/Celeron® processor N3350
- 1 DDR3L SO-DIMM up to 8GB
- 2 USB 2.0 ports and 4 USB 3.0
- PCI Express Mini Card slot
- ZIO connector



## Core System

CPU	Intel® Pentium® processor N4200/Celeron® processor N3350 onboard
System Memory	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB
Chipset	SoC Integrated
BIOS	AMI
SSD	1 x mSATA
Watchdog Timer	65536 levels, 1 ~ 65535 sec.
Expansion Interface	1 x full-size PCI Express Mini Card slot 1 x USB, 1 x PCIe x1, 1 x LPC, 1 x SMBus through a ZIO connector
Battery Lithium	Lithium 3V/220mAh
Power Input	2 x 2-pin connector +12V ~ 24V DC-in AT Auto Power On function supported
Power Requirements	Intel® Pentium® N4200 @1.1 GHz 8GB DDR3L Max. RMS: +24V @ 0.8A Intel® Celeron® N3350 @1.1 GHz 8GB DDR3L Max. RMS: +24V @ 0.7A
Size	146 x 104 mm
Board Thickness	1.6 mm
Temperature	-20°C ~ +70°C (-4°F ~ +158°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	1 x RS-232/422/485 1 x RS-232
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 port 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i211AT
Audio	HD Codec audio as Mic-in/Line-in/Line-out with Realtek ALC662
USB	2 x USB 2.0 4 x USB 3.0
SMBus/I <sup>2</sup> C	Yes for advanced monitoring/control
Digital I/O	8 channels in/out programmable
TPM	ST ST33HTPH2E32AHA6 with TPM 2.0 compliant (optional)

## Display

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

## Packing List

<b>Standard</b>	Quick installation guide, user's manual/utility CD and accessories
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## Ordering Information

<b>Standard</b>	
CAPA313HGGA-N4200-ZIO (P/N: E38E313100)	3.5" Embedded SBC with Intel® Pentium® processor N4200 (1.1 ~ 2.5 GHz, 2MB Cache, 6W), HDMI/LVDS, dual 10/100/1000Mbps and audio
CAPA313HGGA-N3350-ZIO (P/N: E38E313102)	3.5" Embedded SBC with Intel® Celeron® processor N3350 (1.1 ~ 2.4 GHz, 2MB Cache, 6W), HDMI/LVDS, dual 10/100/1000Mbps and audio

<b>Optional</b>	
AX93262 (P/N: E393262100)	ZIO module for 2 x RS-232/422/485, 2 x RS-232, 1 x PCI Express Mini Card slot
AX93285 (P/N: E393285100)	ZIO module for 2 x RS-232, 32-bit programmable DIO
AX93291 (P/N: E393291100)	ZIO module for 2 x RS-232, 2 x GbE LAN
AX93295 (P/N: E393295100)	ZIO module for 2 x isolated RS-232, 2 x USB 3.0