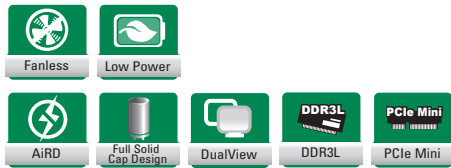


CAPA312 NEW

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

Features

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

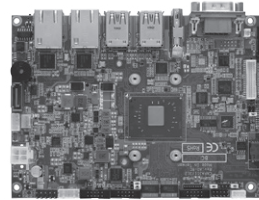
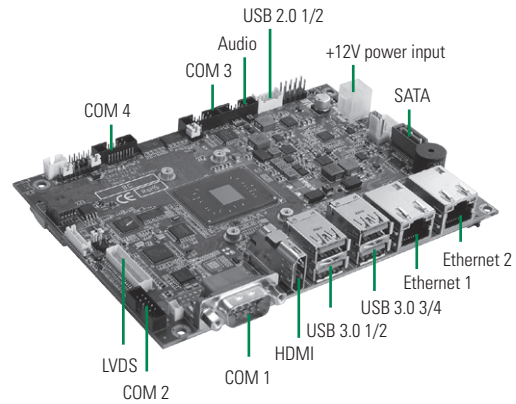


Core System

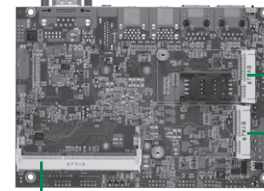
CPU	Intel® Pentium® processor N4200/Celeron® processor N3350 onboard
System Memory	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB
Chipset	SoC Integrated
BIOS	AMI
SSD	N/A
Watchdog Timer	1 ~ 65535 sec.
Expansion Interface	1 x Full-Size PCI Express Mini Card with mSATA supported 1 x Full-Size PCI Express Mini Card
Battery Lithium	Lithium 3 V/220 mAh
Power Input	DC power jack 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	Standard: -20°C ~ +60°C (-4°F ~ +140°F) Optional: -20°C ~ +70°C (-4°F ~ +158°F)
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-600
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 ports 10/100/1000 Mbps support 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
I2C	I ² C Bus for advanced monitoring/control
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 Channels IN/OUT programmed
TPM	ST ST33TPM12LPC with TPM1.2 compliant



▲ Top view



▲ Rear view

DDR3L SO-DIMM

Full-Size PCIe Mini Card with mSATA supported

Full-Size PCIe Mini Card

Display

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

Packing List

Standard

Quick installation guide, user's manual/utility CD and accessories

Ordering Information

Standard

CAPA312VGGA-N4200	3.5" Embedded SBC with Intel® Pentium® processor N4200 (1.1-2.5 GHz, 2MB Cache, 6 W) LVDS/HDMI, 2 GbE LANs and audio
CAPA312VGGA-N3350	3.5" Embedded SBC with Intel® Celeron® processor N3350 (1.1-2.4 GHz, 2MB Cache, 6 W) LVDS/HDMI, 2 GbE LANs and audio