

CAPA318 NEW

3.5" Embedded SBC with Intel® Pentium® Processor N4200 & Celeron® Processor N3350, VGA/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 2 USB 3.0 ports
- PCI Express Mini card with mSATA supported

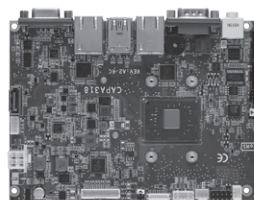
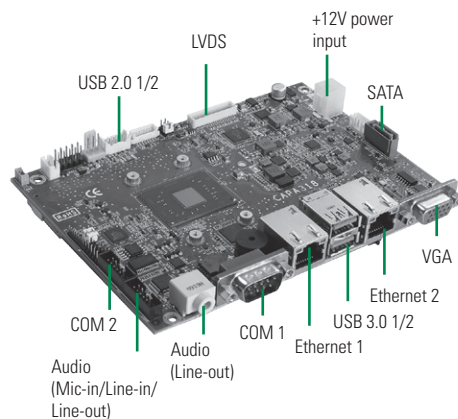


Core System

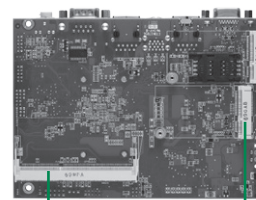
CPU	Intel® Pentium® processor N4200/Celeron® processor N3350 onboard
System Memory	1 x 204-pin DDR3L-1867 SO-DIMM, up to 8GB
Chipset	SoC Integrated
BIOS	AMI
SSD	N/A
Watchdog Timer	65535 levels, 1 ~ 65535 sec.
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI 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	-20°C ~ +70°C (-4°F ~ +158°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	2 x RS-232
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature and voltage
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 2 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



▲ Top view



▲ Rear view
DDR3L SO-DIMM
Full-size PCIe Mini Card

Full-size PCIe Mini Card with mSATA supported

Embedded SBCs >3.5" Capa

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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

Packing List

Standard	Quick installation guide, user's manual/utility CD
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Ordering Information

Standard	
CAPA318VGGGA-N4200	3.5" Embedded SBC with Intel® Pentium® processor N4200 (1.1 ~ 2.5 GHz, 2 MB Cache, 6 W) VGA/LVDS, 2 GbE LANs and audio
CAPA318VGGGA-N3350	3.5" Embedded SBC with Intel® Celeron® processor N3350 (1.1 ~ 2.4 GHz, 2 MB Cache, 6 W) VGA/LVDS, 2 GbE LANs and audio

Optional		
Part Number	Description	Qty
59382620000E	1 x COM w/ bracket, P=2.0 mm, L=300 mm	1
59384500100E	Audio cable w/ bracket, P=2.0 mm, L=450 mm	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket, 180 mm	1

