

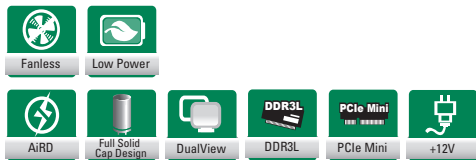
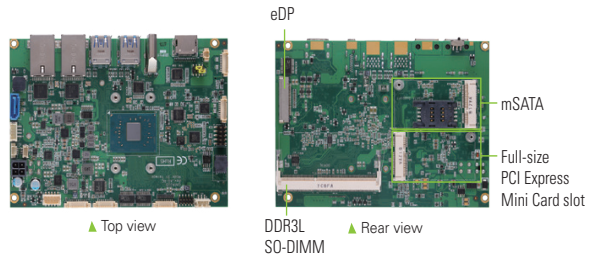
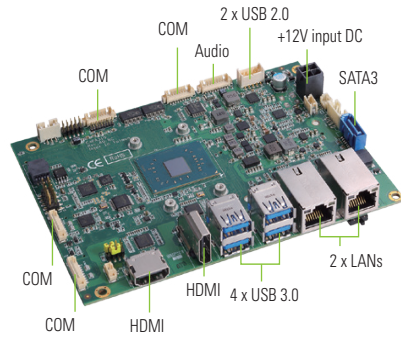
CAPA315



3.5" Embedded SBC with Intel® Pentium® N4200 & Celeron® Processor N3350, eDP, 2 HDMI, 2 GbE LANs and Audio

Features

- Intel® Pentium® N4200/Celeron® N3350 processor
- 1 DDR3L SO-DIMM for up to 8GB of memory
- 2 USB 2.0 and 4 USB 3.0
- 2 HDMI and 1 eDP
- 1 PCI Express Mini Card slot



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 to 65535 sec.
Expansion Interface	1 x Full-size PCI Express Mini Card slot
Battery Lithium	Lithium 3V/220mAH
Power Input	2 x 2-pin DC in power connector +12V DC-in only AT Auto Power On function supported
Power Requirements	Intel® Pentium® N4200 @ 1.1 GHz, 8GB DDR3L Max. RMS: +12V @ 1.5A Intel® Celeron® N3350 @ 1.1 GHz, 8GB DDR3L Max. RMS: +12V @ 1.2A
Dimensions	146 x 104 mm
Board Thickness	1.6 mm
Operating Temperature	-20 to +70°C (-4°F to +158°F)
Humidity	10% to 95% relative humidity, non-condensing

I/O

SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature, and voltage
Ethernet	2 x 10/100/1000 Mbps Ethernet with Intel® i211-AT; support Wake-on-LAN, PXE Boot ROM
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
Serial	1 x RS-232/422/485 3 x RS-232
TPM	ST ST33HTPH2E32AHB3 with TPM 1.2 compliant (optional)
SMBus	Yes
Others	1 x I ² C
Digital I/O	8-channel in/out programmed

Display

Chipset	Intel® integrated Gfx graphic engine
Memory Size	Share system memory
Display Interface	2 x HDMI 1 x eDP

Packing List

Standard	Quick installation guide, User's Manual/Utility CD and heatsink
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Ordering Information

Standard	
CAPA315HGGA-N4200 (P/N:E38E315101)	3.5" embedded SBC with Intel® Pentium® processor N4200 (1.1 to 2.5 GHz, 2MB cache, 6W), dual HDMI, eDP, 2 GbE LANs and audio
CAPA315HGGA-N3350 (P/N:E38E315100)	3.5" embedded SBC with Intel® Celeron® processor N3350 (1.1 to 2.4 GHz, 2MB cache, 6W), dual HDMI, eDP, 2 GbE LANs and audio

Optional

59380880250E	COM port cable DB9-9 x 1P, P=1.25 mm, L=250 mm
59312260020E	Audio cable with bracket, P=1.25 mm, L=450mm (RC)
59382631000E	SBC82631 2 x USB 2.0 cable with bracket 180 mm

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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