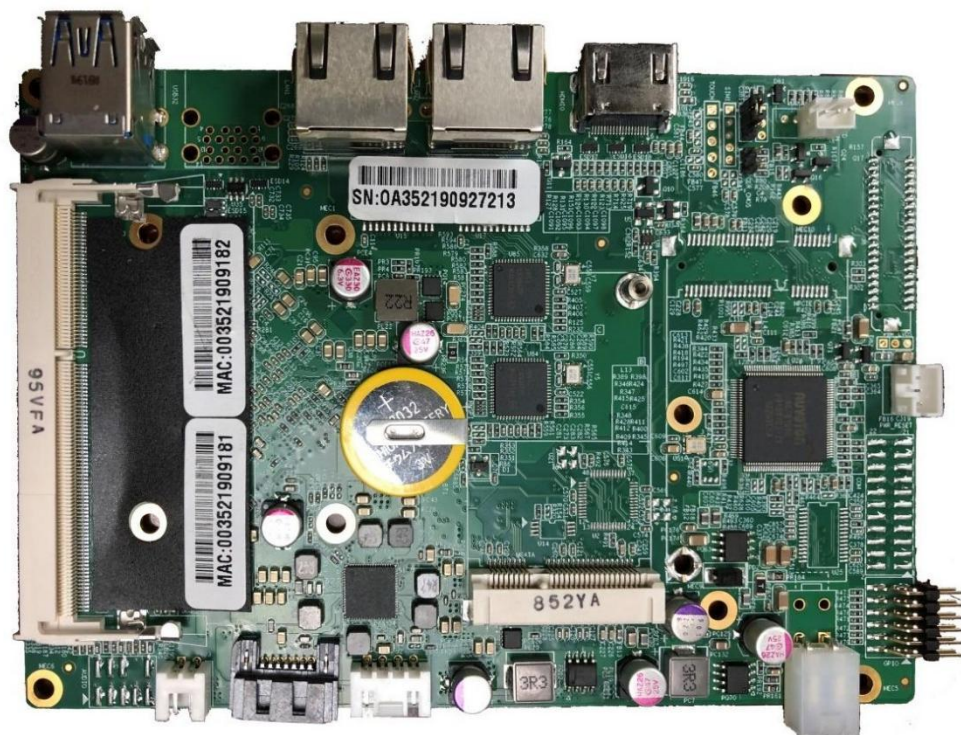


>>Datasheet<<

PCM-A352



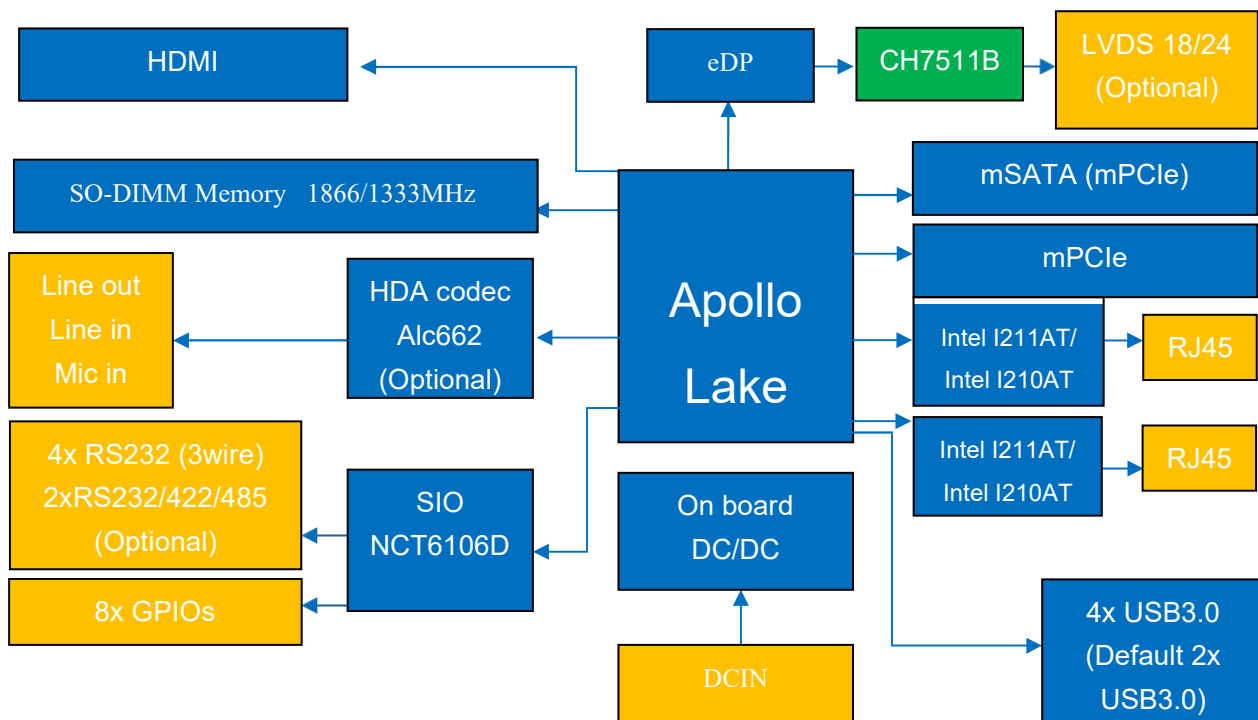
3.5-inch motherboard with onboard Intel® Apollo Lake M series (SOC)

- » Intel® Apollo J3455 or N4200 series SOC, power consumption: 6–10W
- » SO-DIMMDDR3L memory (1.35V, supports up to 8GB) with a maximum frequency of 1333MHz or 1866MHz
- » Supports Intel 9th generation integrated graphics cores, OpenGL 3.0 , OpenCL 1.2 DX11 , H.265 , MPEG2 , MPEG-4 AVC, VC-1 , VP9
- » Supports HDMI 1.4a, LVDS (optional)
- » Supports 10/100/1000Mbit Ethernet, SATA, mSATA (mPCIe), or mPCIe
- » USB 2.0 and USB 3.0 interfaces, RS232/422/485 serial port (optional), GPIO interface
- » DC power connector with snap-fit (Input voltage: + 12V ~+ 19V , +12V recommended)

Operating temperature: -20° C to + 60 ° C

- » Operating temperature: -40° C to + 75 ° C (optional)

PCM-A352 Block Diagram



Technical Information	
plate type	3.5-inch motherboard
processor	Intel® Apollo Lake-M J3x55/N series SOC's (dual-core or quad-core, TDP: 6-10W) support: Intel® Apollo J3355 Dual-core 2.0GHz 10W Intel® Apollo J3455 Quad-core 1.5GHz 10W Intel® Apollo J4205 Quad-core 1.5GHz 10W Intel® Apollo N3350 Dual-core 1.1GHz 6W Intel® Apollo N3450 Quad-core 1.1GHz 6W Intel® Apollo N4200 Quad-core 1.1GHz 6W etc.
Memory	SO-DIMM DDR3L memory (1.35V, supports up to 8GB) with a maximum frequency of 1866MHz or 1333MHz.
Graphics processing	Supports eDP (maximum resolution 2560x1600) or LVDS (maximum resolution 1920x1200) (optional) Supports HDMI 1.4a (maximum resolution 1920x1200)
Network card	Supports 2 Intel I211AT or Intel I210AT 10/100/1000 Mb/s Ethernet
SATA	Supports one mSATA and one SATA 3.0 port.
USB	Supports 4 USB 3.0/2.0 ports (optional, 2 by default).
serial port	Supports 6 RS232 (3-wire) ports, 2 of which are optional RS232/422/485.
IO	Supports 1 mPCIe, 8 GPIO interfaces, and 1 SIM card slot (expandable).
sound card	ALC662 High-Fidelity Sound Card (Line-in, Line-out, Mic-in) (Optional)
power supply	+ 12V to + 19V voltage, +12V is recommended.
temperature	Operating temperature: -20° C to + 60 ° C (-40° C to + 75 ° C is optional)
size	146 mm x 101 mm
Heat dissipation	Fanless design
operating system	Windows 10, Linux, VxWorks

Ordering Information	
model	describe
PCM-A35 2 -A10-X	Display: HDMI
PCM-A35 2 -A11-X	show: HDMI + LVDS/Edp
PCM-A35 2 W-A10-X	Display: HDMI Temperature: -40° C to +85° C
PCM-A35 2 W-A11-X	Display: HDMI + LVDS/Edp Temperature: -40° C to +85° C
Note: X represents the CPU model, including: J3355, J3455, J4205, N3350, N3450, N4200.	