

>> Datasheet <<

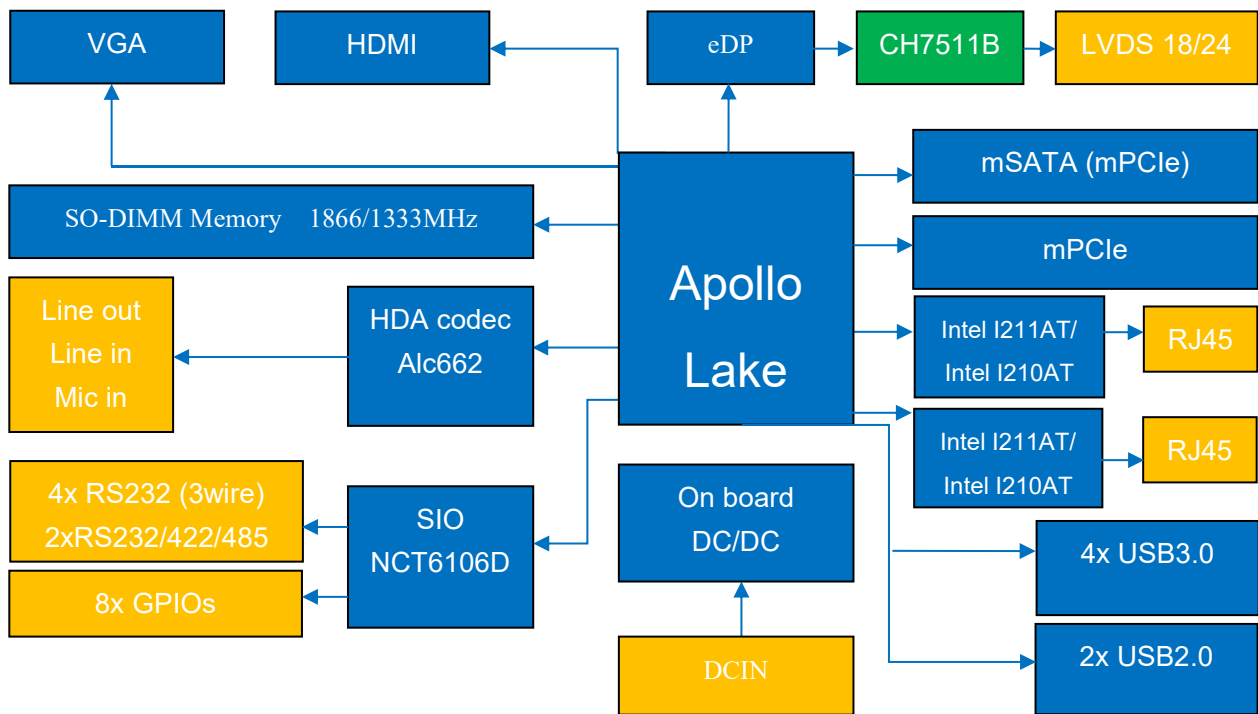
PCM-A351



3. 5-inch motherboard with onboard Intel® Apollo Lake M series (SoC)

- » Intel® Apollo J3355, J3455, N3350, N4200 series SOC's, ^{TDP}: 6-10W
 - » SO-DIMM DDR3L memory (1.35V, supports up to 8GB) with a maximum frequency of 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 eDP 1.3 , HDMI 1.4a , VGA, and LVDS (18/24- bit single-channel or dual-channel).
 - » Supports 10/100/1000Mbit Ethernet , SATA , mSATA (mPCIe) or mPCIe
 - » USB 2.0 and USB 3.0 interfaces , RS232/422/485 serial port, GPIO interface.
- Input voltage: +12V~+19V , + 12V is recommended .
- » Operating temperature: -20° C ~ + 60 ° C (optional -40 ° C ~) +75° C

PCM-A351 Block Diagram



Technical Information	
plate type	3.5 -inch motherboard
processor	Intel® ^pollo Lake- M J 3x 55/N series SOC (dual-core or quad-core) , power consumption: 6-10W support:
	Intel® A pollo J3355 dual - core 2.0 GHz 10 W
	Intel® A pollo J3455 Quad-core 1.5 GHz 10 W
	Intel® A pollo J4205 Quad-core 1.5 GHz 10 W
	Intel® A pollo N3350 Dual - core 1.1 GHz 6W
	Intel® A pollo N3450 Quad-core 1. 1 GHz 6 W
	Intel® A pollo N4200 Quad-core 1. 1 GHz 6 W
Memory	S0-DIMM DDR3L memory (1.35V, supports up to 8GB) with a maximum frequency of 1866MHz .
Graphics processing	Three independent display outputs , supporting eDP (maximum resolution 1920 x 1080) or LVDS (maximum resolution 1920 x 1080) , HDMI 1.4a (maximum resolution 1920 x 1080) , and VGA (maximum resolution 1920 x 1080) .
Network card	Supports two Intel I211AT or Intel I210AT 10/100/1000 Mb/s Ethernet ports.
SATA	Supports one mSATA and one SATA 3.0 port .
USB	Supports 2 USB 2.0 ports and 4 USB 3.0 / 2.0 ports (4 front-facing and 2 internal).
serial port	Supports 6 RS232 ports (3-wire), COM1 and COM2 can be selected from 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)
power supply	+12V~+ 19V , + 12V is recommended.
temperature	Operating temperature: -20° C to + 60 ° C (optional: -40° C to + 75 ° C)
size	146 mm x 101 mm
Heat dissipation	Fanless design
operating system	Windows 10 , Linux

Ordering Information	
model	describe
PCM- A 351-A10-X	Display : LVDS + HDMI+ VGA
PCM- A 351-A11-X	Display : Edp + HDMI + VGA
PCM- A 351W-A1 0 -X	Display : LVDS + HDMI+ VGA Temperature : -40° C to + 7.5 ° C
PCM- A 351W-A1 1 -X	Display : Edp + HDMI + VGA Temperature : -40° C to + 7.5 ° C
Note: X represents the CPU model , which includes : J3355 , J3455 , J4205, N3350, N3450, N4200.	

