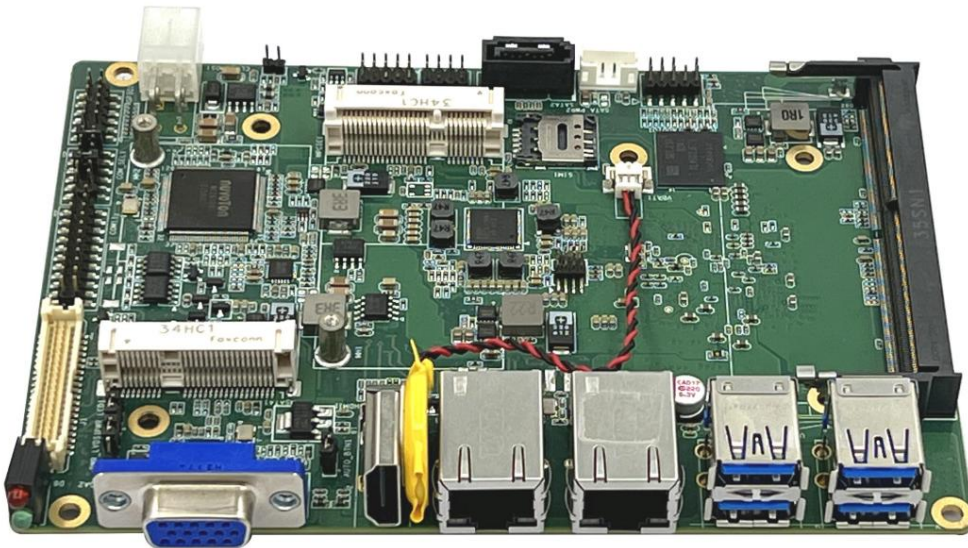


>>Datasheet<<

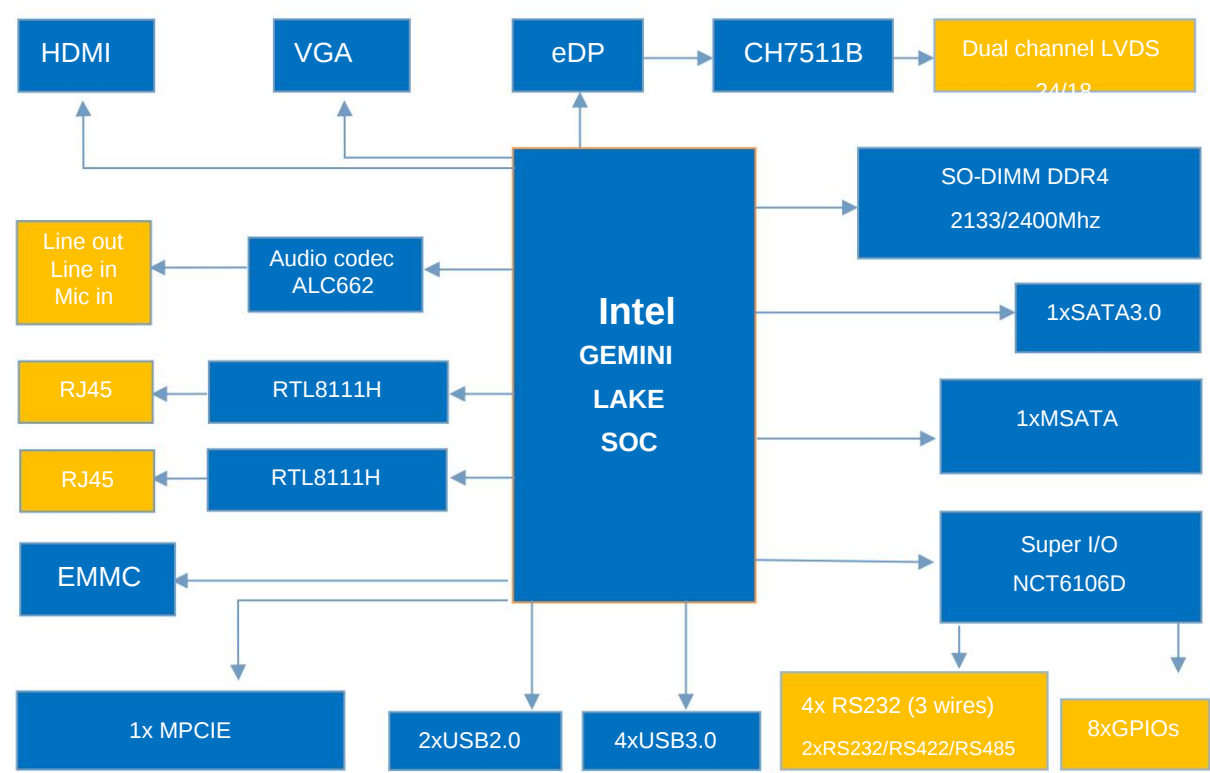
PCM-GM351



3.5-inch motherboard, onboard Intel® Gemini Lake Refresh series SOC

- » Intel® Gemini Lake Refresh series SOC, power consumption: 6-10W
- » SO-DIMM DDR4 memory (voltage 1.2V, supports up to 8G) maximum frequency 2400MHz
- » Intel 10th generation graphics core, supports DX12, MJPEG, H.264, JPEG/MJPEG, H.265 (HEVC)
- » Support eDP 1.4a, VGA, HDMI2.0a, LVDS (18/24-bit single channel or dual channel)
- » Support 10/100/1000Mbit Ethernet, SATA, MSATA
- » USB 2.0 and USB 3.0 interface, RS232/422/485 serial port, GPIO interface
- » Voltage: +12V~+19V, +12V is recommended
- » Operating temperature: -20°C ~ +75°C (optional -40°C ~ +85°C)

PCM-GM351 block diagram



Technical Information	
Plate type	3.5 inch motherboard
processor	Intel[®] Gemini Lake series SOC supports: Intel[®] Celeron[®] N4020 dual core 1.1GHz up to 2.8GHz, 6W Intel[®] Celeron[®] N4120 Quad core 1.1GHz up to 2.6GHz, 6W Intel[®] Celeron[®] J4025 dual core 2.0GHz up to 2.9GHz,10W Intel[®] Celeron[®] J4125 Quad core 2.0GHz up to 2.7GHz,10W
Memory	SO-DIMM DDR4 memory (voltage 1.2V, supports up to 8G) maximum frequency 2400MHz
graphics processing	2 independent display outputs support eDP (maximum resolution 1920x1080) or LVDS (maximum resolution 1920x1080) HDMI2.0 (maximum resolution 3840x2160), VGA (maximum resolution 1920x1080)
Network	Supports 2x 10/100/1000 Mb/s Ethernet, Realtek RTL8111H
card storage	1 MSATA, 1 SATA3.0, 1 MPCIE, supports EMMC (optional)
USB	Support 2 USB2.0 and 4 USB3.0
serial port	Supports 6 RS232 (3 lines), 2 of which are optional RS232/422/485
IO	8 GPIO interfaces
Sound Card	ALC662 high-fidelity sound card (Line-in, Line-out, Mic-in)
Power	+12V~19V, +12V is recommended
Supply	Working temperature -20°C ~ +75°C, (optional -40°C ~ +85°C)
Temperature	146 mm x 101 mm
Dimensions	Fanless cooling
Heat Dissipation Operating System	Win10, Linux