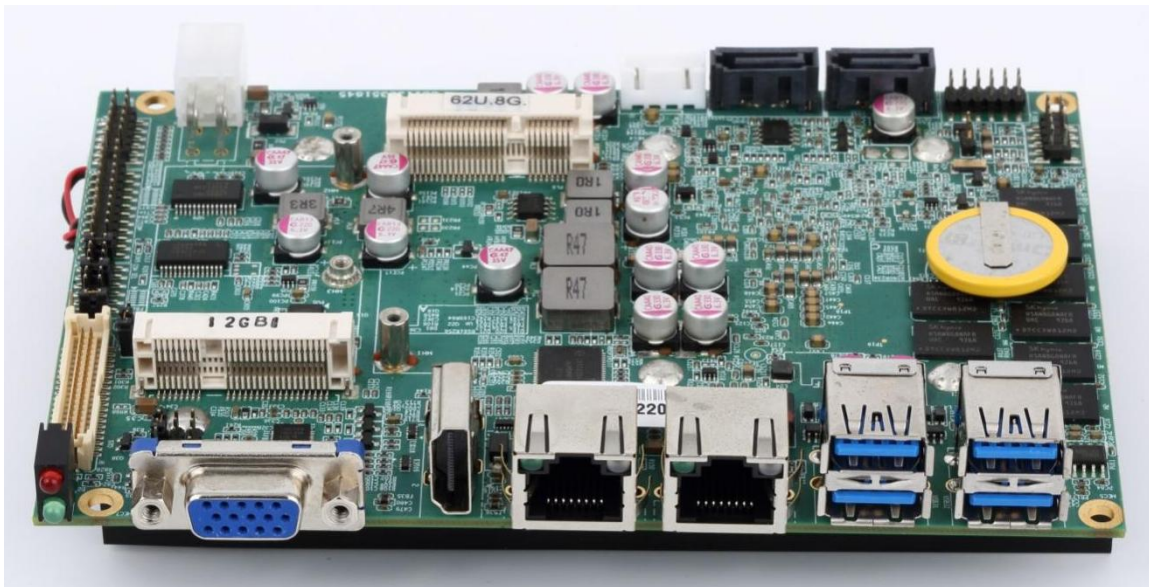


>> Datasheet <<

PCM-S351



3.5-inch motherboard, with onboard Intel Skylake or Kabylake U –series processor

Intel Skylake or Intel Kabylake U– series processor, TDP: 15W

» Onboard 4GB/8GB/16GB DDR4 memory (1.2V) , maximum frequency 2133MHz

» Integrates Intel's 9th generation graphics core , supporting OpenGL 4.0, OpenCL 1.2, DX11.1, H.264, MPEG2, and VC-1.

» Supports VGA, HDMI, LVDS (18/24– bit single or dual channel) or EDP

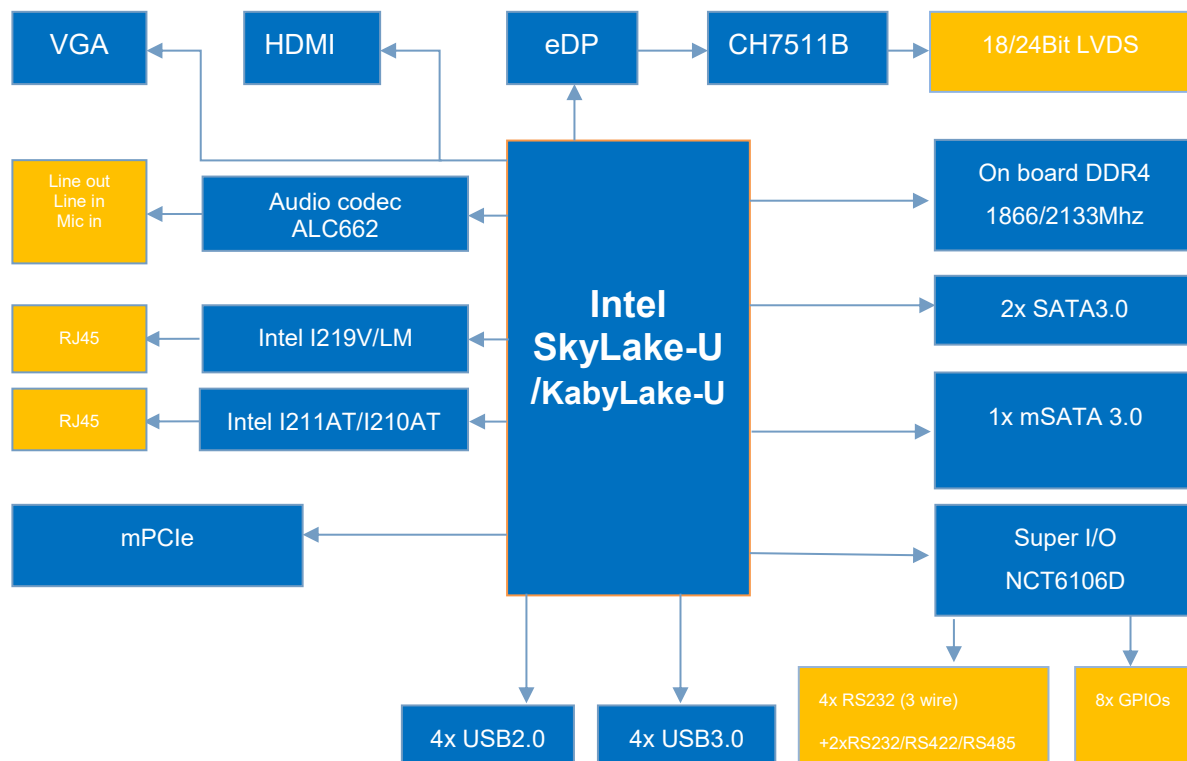
» Supports Intel 10/100/1000Mbit Ethernet, SATA, mSATA and mPCIe

» Supports USB 2.0 and USB 3.0 , serial port, and GPIO interface

Input voltage: +12V~+ 24V , + 12V is recommended .

» Operating temperature: -20 ° C to + 60 ° C (optional -40° C to + 75 ° C)

PCM-S351 Block Diagram



Technical Information	
plate type	3.5-inch motherboard
processor	6th generation Skylake -u or 7th generation Kabylake -u, I3, I5, I7 support:
	Intel® Core™ i3-6100U 2.3 GHz 15W
	Intel® Core™ i5-6200U 2.3 GHz 15W
	Intel® Core™ i7-6500U 2.5 GHz 15W
	Intel® Core™ i3-7100U 2.4 GHz 15W
	Intel® Core™ i3-7020U 2.3 GHz 15W
	Intel® Core™ i5-7200U 2.5 GHz 15W
	Intel® Core™ i7-7500U 2.7 GHz 15W etc.
Memory	Onboard 4GB/8GB/16GB DDR4 memory (1.2V) , maximum frequency 2133MHz
Graphics processing	Supports one VGA port with a maximum resolution of 1920x1080 @60Hz
	Supports one HDMI port with a maximum resolution of 1920x1080 @60Hz.
	Supports one 18/24-bit single-channel or dual-channel LVDS
Network card	Supports 2 Intel processors 10 /100/1000Mbit Ethernet, Intel® I219V / LM and I211AT/I210AT
SATA	Two SATA 1.0/2.0/3.0 standard interfaces
mPCIe	Supports 1 mPCIe
USB	Supports 4 USB 3.0/2.0 ports (front panel)
	Supports 4 built-in USB 2.0 ports.
serial port	Supports 6 RS232 ports (3-wire), COM1 and COM2 can be selected from RS232/422/485.
I/O	Supports 8 GPIOs (front-facing) and 1 SIM card slot (optional).
sound card	ALC662 High-Fidelity Sound Card (Line-in, Line-out, Mic-in)
power supply	+12V ~ + 24V , + 12V is recommended.
temperature	Operating temperature: -20° C to + 60 ° C (optional -40° C to + 75 ° C)
size	146 mm x 101.6 mm
Heat dissipation	Fanless design (fan optional)
operating system	Win7, Win10, Linux