

>>Datasheet<<

PCM-H351



3.5-inch motherboard with onboard Intel®Haswell U series processor

»Intel®Haswell U-series processor (dual-core), power consumption: 15W

»Onboard 4GBDDR3L memory (voltage 1.35V), maximum frequency 1600MHz

»Integrated Intel 7.5th generation graphics core, supports OpenGL 4.0, OpenCL 1.2, DX11.1, H.264, MPEG2, VC-1)

»Supports DP1.2, HDMI1.4b (maximum data rate 1.65Gb per second), LVDS (18/24-bit single channel or dual pass road)

»Supports intel 10/100/1000Mbit Ethernet (i5, i7 (supports AMT9.5)), SATA, mSATA and mPCIe

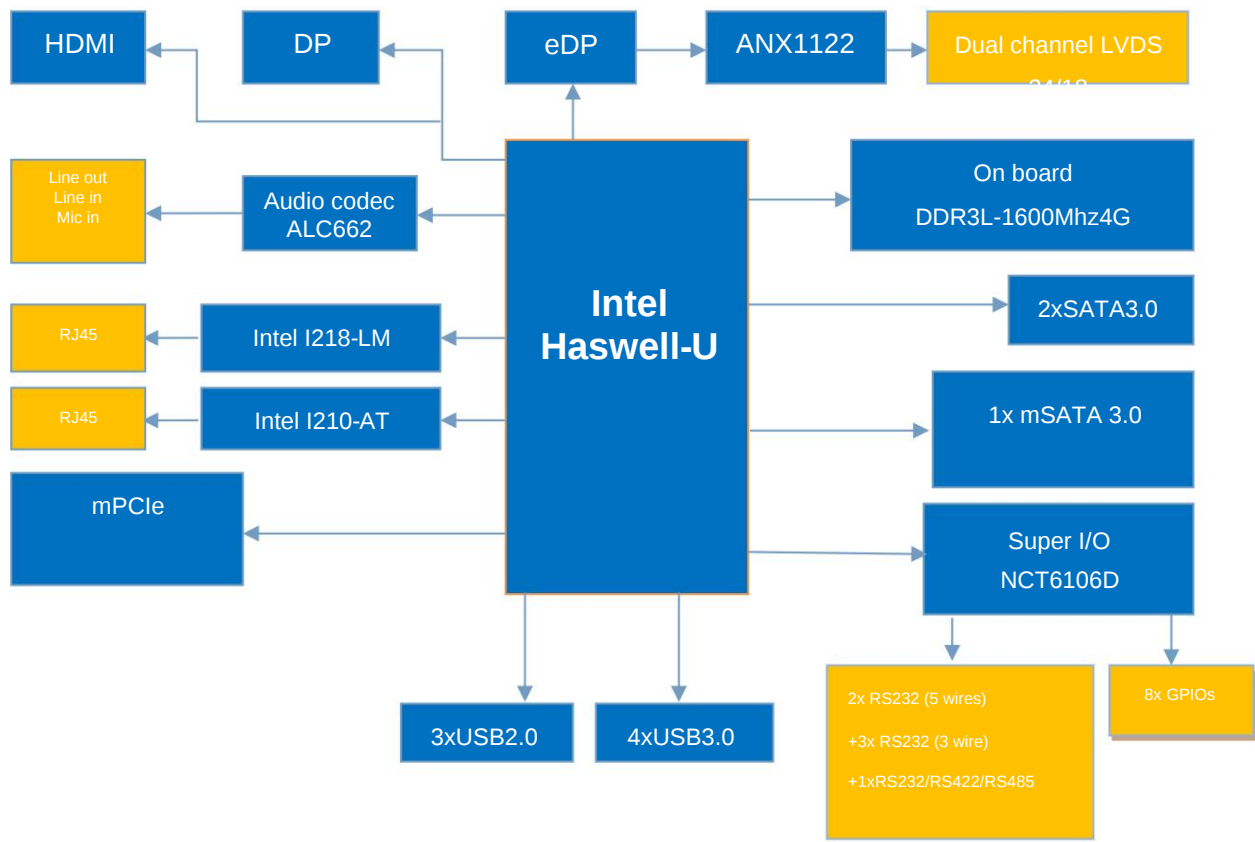
»Support USB2.0 and USB3.0, serial port, GPIO interface

»DC power connector with lock (input voltage: +9V~+19V, +12V recommended)

»Operating temperature: -20°C to +75°C

»Operating temperature: -40°C to +80°C (optional)

PCM-H351 block diagram



Technical Information	
Plate type	3.5 inch motherboard
processor	Fourth generation Intel 22nm dual-core Celeron, I3, I5, I7 support:
	Intel® Core™ Celeron-2980U 1.6GHz 15W
	Intel® Core™ i3-4010U 1.7GHz 15W
	Intel® Core™ i5-4200U 1.6GHz 15W
	Intel® Core™ i5-4210U 1.7GHz 15W
	Intel® Core™ i5-4300U 1.9GHz 15W
	Intel® Core™ i7-4510U 2.0GHz 15W
	Intel® Core™ i7-4650U 1.7GHz 15W
	Intel® Core™ i3-5010U 2.1GHz 15W
	Intel® Core™ i5-5200U 2.2GHz 15W
	Intel® Core™ i7-5500U 2.4GHz 15W
Memory	Onboard 4GB DDR3L memory (voltage 1.35V), maximum frequency 1600MHz,
graphics processing	supports 1 DP maximum resolution 3200x2000@60Hz, supports 1 HDMI maximum resolution 1920x1080@60Hz, maximum data rate 1.65Gb per second Supports 1 18/24-bit single channel or dual channel LVDS
network card	Support 2 intel 10/100/1000Mbit Ethernet, support AMT9.5 (Intel®Clarkville i218LM and i5, i7)
SATA	2 SATA1.0/2.0/3.0 standard interfaces, supporting RAID 0,1,5 Support 1 mSATA
mPCIe	Support 1 mPCIe
USB	Support 4 USB3.0/2.0 (front) Supports 4 USB2.0 ports (3 of which are built-in and 1 mPCIe interface is occupied)
serial port	2 RS232 (5 lines), 3 RS232 (3 lines), 1 RS232 (3 lines) or RS422 or RS485 optional
IO	Supports 8 GPIOs (front)
sound	ALC662 high-fidelity sound card (Line-in, Line-out, Mic-in)
card	+9V~+19V, +12V is recommended
power	Operating temperature -20°C to +75°C (-40°C to +80°C optional)
supply	146mm x 101.6 mm
temperature size cooling operating system	Fanless design (fan optional)
	Win7, Win8, WES7, WES8, Linux, VxWorks

Ordering Information	
model	describe
PCM-H351-A10-X	Display: 1x HDMI, 1x DP, 1x 18bit single channel LVDS
PCM-H351-A11-X	Display: 1x HDMI, 1x DP, 1x 24bit dual channel LVDS
PCM-H351W-A10-X	Display: 1x HDMI, 1x DP, 1x 18bit single channel LVDS Temperature:-40°C to +80°C
PCM-H351W-A11-X	Display: 1x HDMI, 1x DP, 1x 24bit dual channel LVDS Temperature:-40°C to +80°C
annotation: The	