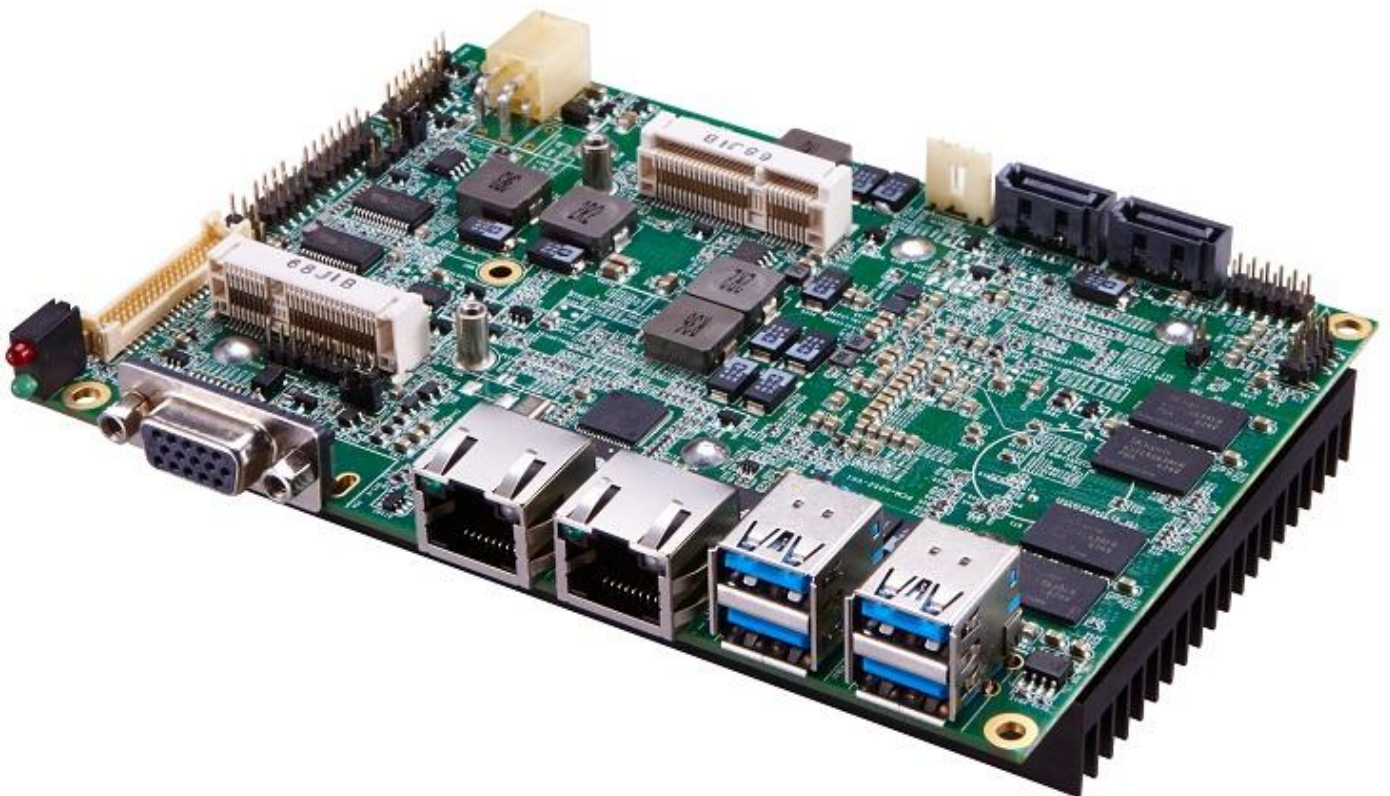


>> Datasheet <<

PCM-H352



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

» Intel® Haswell Alternatively, an Intel® Broadwell U– series processor (dual –core) , TDP: 15W .

» Onboard 4GB DDR3L memory (1.35V) , maximum frequency 1600MHz

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

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

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

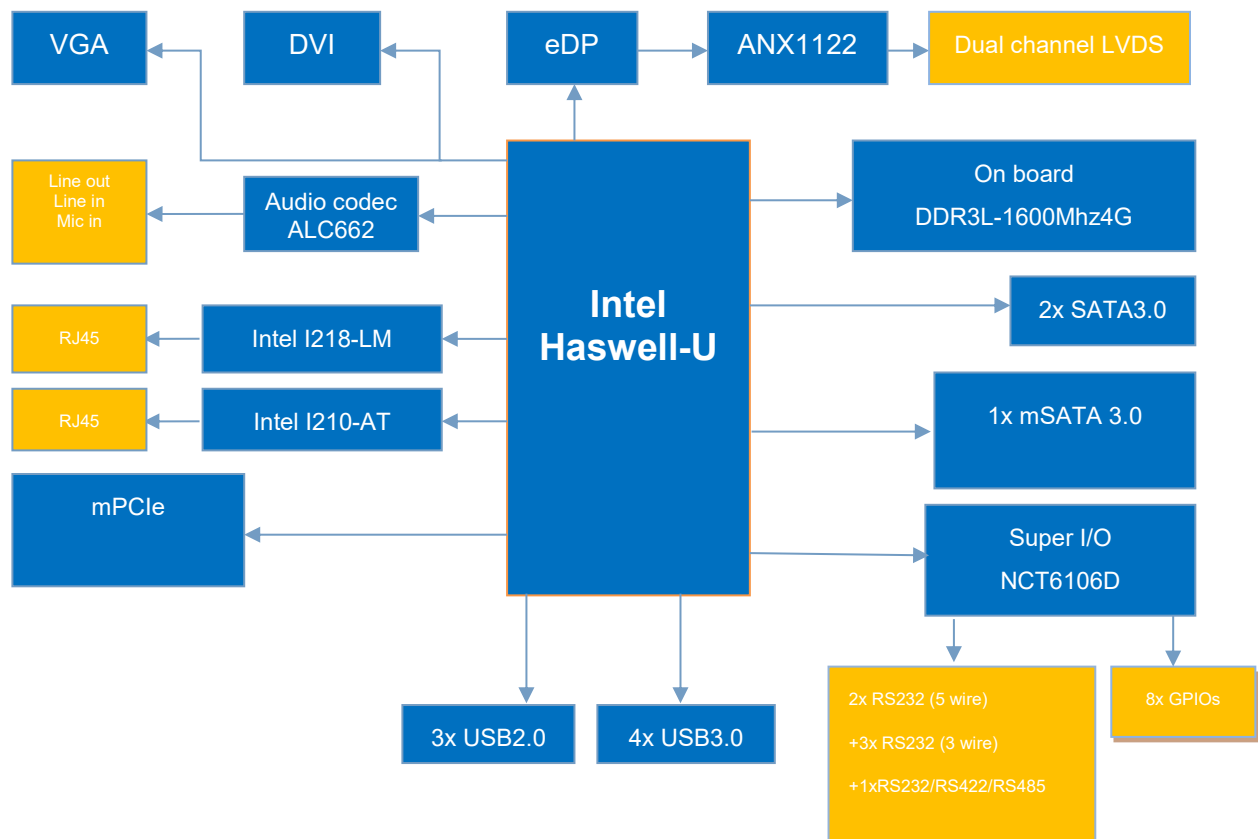
» Supports USB 2.0 and USB 3.0 , serial port, and GPIO interface

» DC power connector with locking mechanism (Input voltage: +12V~+ 19V , + 12V recommended)

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

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

PCM-H352 Block Diagram



Technical Information	
plate type	3.5-inch motherboard
processor	4th generation Intel® 22nm or 5th generation Intel® 14nm ^{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 (1.35V) , maximum frequency 1600MHz
Graphics processing	Supports one VGA port with a maximum resolution of 1920x1080 @60Hz Supports one DVI 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, supports AMT9.5 (Intel ® Clarkville i218LM and i5 , i7)
SATA	Two SATA 1.0/2.0/3.0 standard interfaces, supporting RAID 0, 1 , and 5. Supports 1 mSATA
mPCIe	Supports 1 mPCIe
USB	Supports 4 USB 3.0/2.0 ports (front panel) Supports 4 USB 2.0 ports (3 built-in, 1 mPCIe port occupied).
serial port	2 RS232 (5-wire), 3 RS232 (3-wire) , 1 RS232 (3-wire) , or RS422 or RS485 optional
I/O	Supports 8 GPIOs (front-end).
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 (-40° C to + 75 ° C is optional)
size	146 mm x 101.6 mm
Heat dissipation	Fanless design (fan optional)
operating system	Win7, Win8, WES7, WES8, Linux , VxWorks

Ordering Information	
model	describe
PCM-H352-A10-X	Display : 1x VGA, 1x 18-bit single-channel LVDS or 24-bit dual-channel LVDS
PCM-H352-A1 1 -X	Display : 1x DVI , 1x 18-bit single-channel LVDS or 24-bit dual-channel LVDS
PCM-H352-A1 2 -X	Display : 1 x VGA , 1 x DVI , 1 x 18-bit single-channel LVDS or 24-bit dual-channel LVDS
PCM-H35 2 W-A10-X	Display : 1x VGA, 1x 18-bit single-channel LVDS or 24-bit dual-channel LVDS Temperature : -40° C to +80° C
PCM-H35 2 W-A11-X	Display : 1x DVI , 1x 18-bit single-channel LVDS or 24-bit dual-channel LVDS Temperature : -40° C to +80° C
PCM-H35 2 W-A1 2 -X	Display : 1 x VGA , 1 x DVI , 1 x 18-bit single-channel LVDS or 24-bit dual-channel LVDS Temperature : -40° C to +80° C
annotation :	
X represents the CPU model, including : 2980U, 4010U, 4200U, 4210U, 4300U, 4510U, 4650U, 5010U, 5200U, and 5500U.	