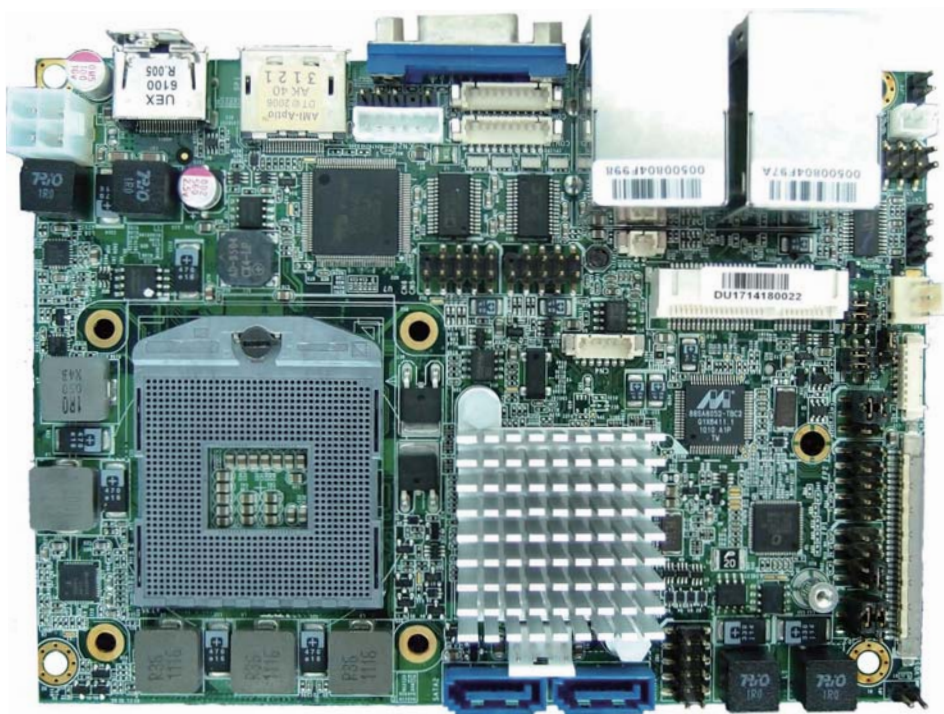


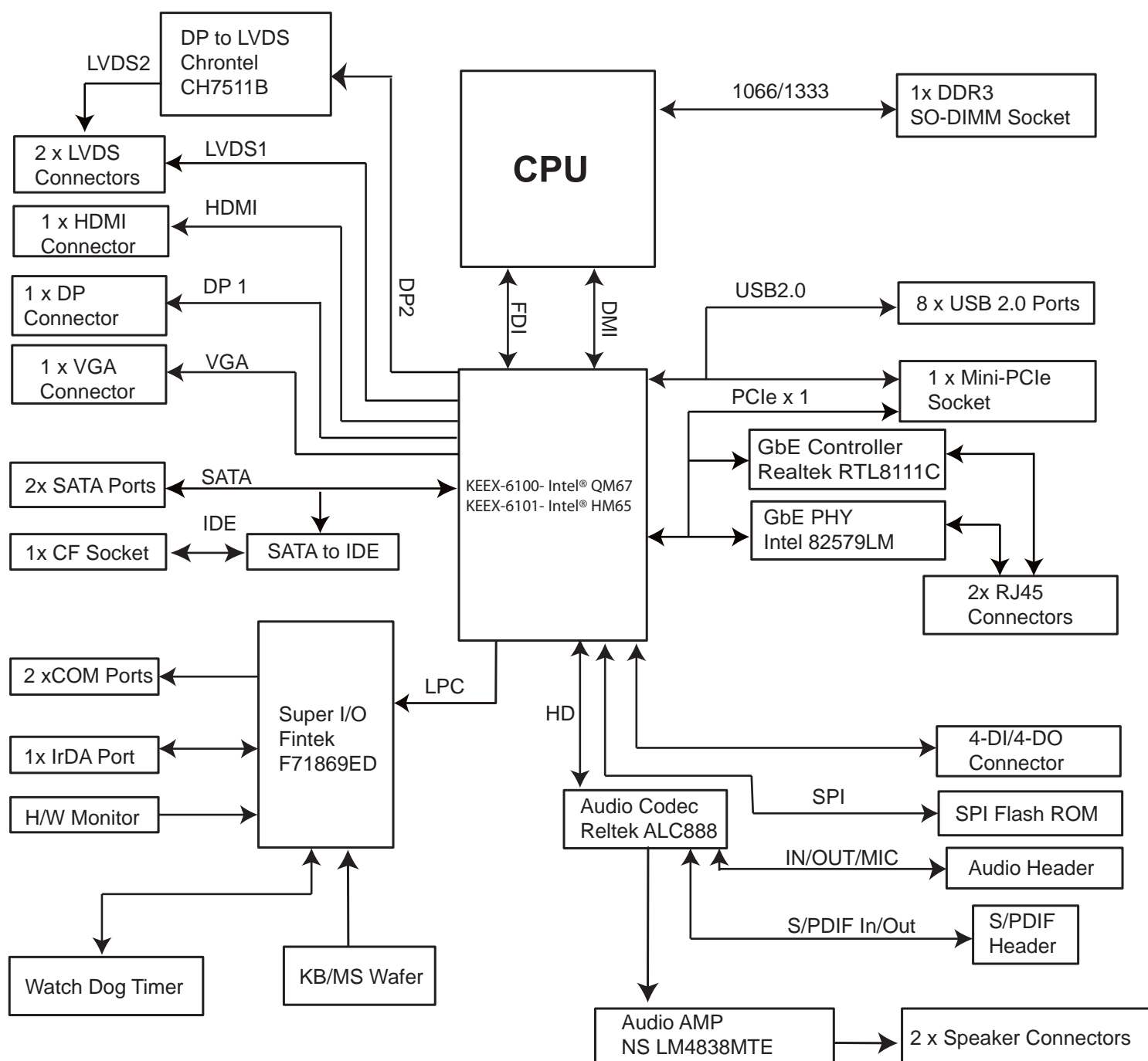
KEEX-6100 Series

Intel® Embedded Compact Extended Form Factor
with 2nd generation Intel® core i3/i5/i7 processor



- 2nd Generation Intel® core i3/i5/i7 processors
- Intel® QM67 / HM65 Express Chipset
- iAMT 7.0 Supported
- 1x SO-DIMM DDR3 supported
- Intel® HD Graphics 3000 processor graphics
- LVDS/VGA/HDMI, 1x mini-PCIe slot
- 2x SATA, 1x CompactFlash
- 2x GbE, 8x USB 2.0, S/PDIF, 2x COM
- 1x 6-pin wafer connector for SIM card
- 8-bits Digital I/O supported (4-bits input/4-bits output)
- Watchdog Timer, Hardware Monitor, TPM 1.2

Block Diagram

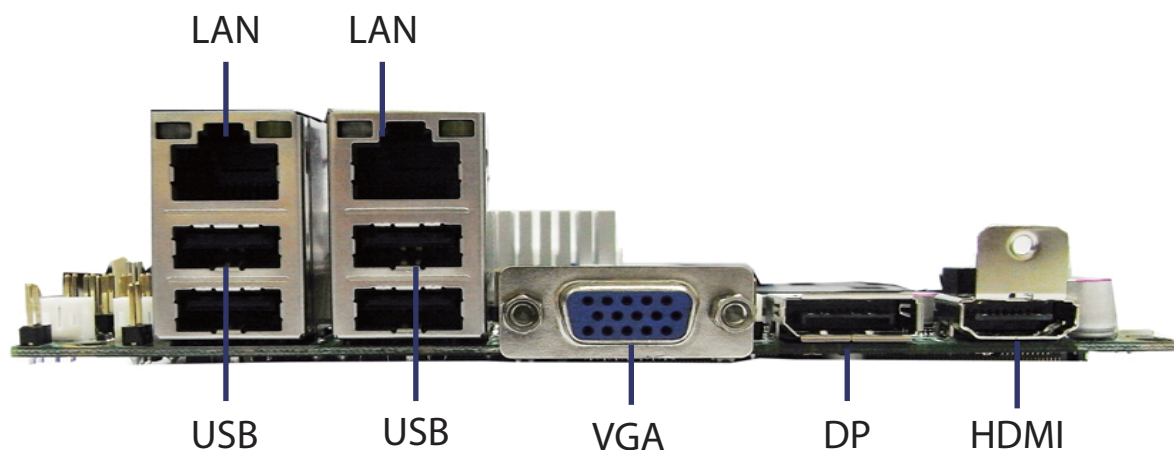


Technical Information

CPU Support	
2nd Generation Intel® Core i3/i5/i7 processors	
Chipset	
KEEX-6100- Intel® QM67 Express Chipset KEEX-6101- Intel® HM65 Express Chipset	
Memory	
1x DDR3 SO-DIMM supported	
BIOS	
AMI uEFI BIOS iAMT 7.0 supported	
Display	
Intel® HD Graphics 3000 processor graphics 1x DB-15 1x HDMI 1x DP Connector 2x connectors for two dual channel 24-bits LVDS 2x connectors for LVDS1 and LVDS2 backlight control	
Peripheral Support	
2x 7-pin SATA connectors supported 1x 4-pin connector with +5V/12V for SATA 1x CompactFlash socket 8x USB 2.0 (four with RJ-45 on front I/O, others with two 2x 5-pin headers) 2x COM (1x RS-232/422/485, 1x RS-232 only) 1x 6-pin wafer connector for PS/2 Keyboard and Mouse 1x 5-pin header for IrDA supported 1x 3-pin fan connector with smart fan supported 2x 5-pin header for 8-bits DIO (4-bits in and 4-bits out) (Default: H)	
TPM	
TPM 1.2 supported	
Super I/O	
Fintek F71869ED	

LAN	
1x Intel® 82579LM GbE PHY for LAN1 with iAMT supported 1x Realtek RTL8111C GbE controller for LAN2 Both LAN 1 & 2 are WOL/PXE supported	
Audio	
Realtek ALC662-VC HD codec 1x Audio Amplifier 1x header for Line-Out, Line-In and MIC-In 2x connectors for right/left speaker out 1x header for S/PDIF	
Power Connector	
1x +12VDC Power Input 1x +12VDC & +5VDC HDD Power output ATX/ AT Mode Supported	
Expansion	
1x full size mini-PCIe slot supported 1x connector for SIM card signals	
Watchdog Timer	
1-255 step	
Hardware Monitor	
Voltage, CPU and System temperature, fan speed monitoring	
OS Supported	
Windows XP/XPe/Windows 7	
Dimensions	
Intel® ECX Form Factor (105 x 146mm)	
Environmental Factors	
Operation Temp: 0°C - 60°C Storage Temp.: -20°C - 80°C Humidity: 0% - 95%	
Certifications	
CE, FCC Class A	

KEEX-6100 Rear I/O



Ordering Information

Model	Description
KEEX-6100	Intel® Embedded Compact Extended Form Factor with 2nd generation Intel® core i3/i5/i7 processor, Intel® QM67 Express Chipset, LVDS, VGA, HDMI, 2x SATA, CF, 2x GbE, 8x USB, S/PDIF, 2x COM, DIO, IrDA
KEEX-6101	Intel® Embedded Compact Extended Form Factor with 2nd generation Intel® core i3/i5/i7 processor, Intel® HM65 Express Chipset, LVDS, VGA, HDMI, 2x SATA, CF, 2x GbE, 8x USB, S/PDIF, 2x COM, DIO, IrDA