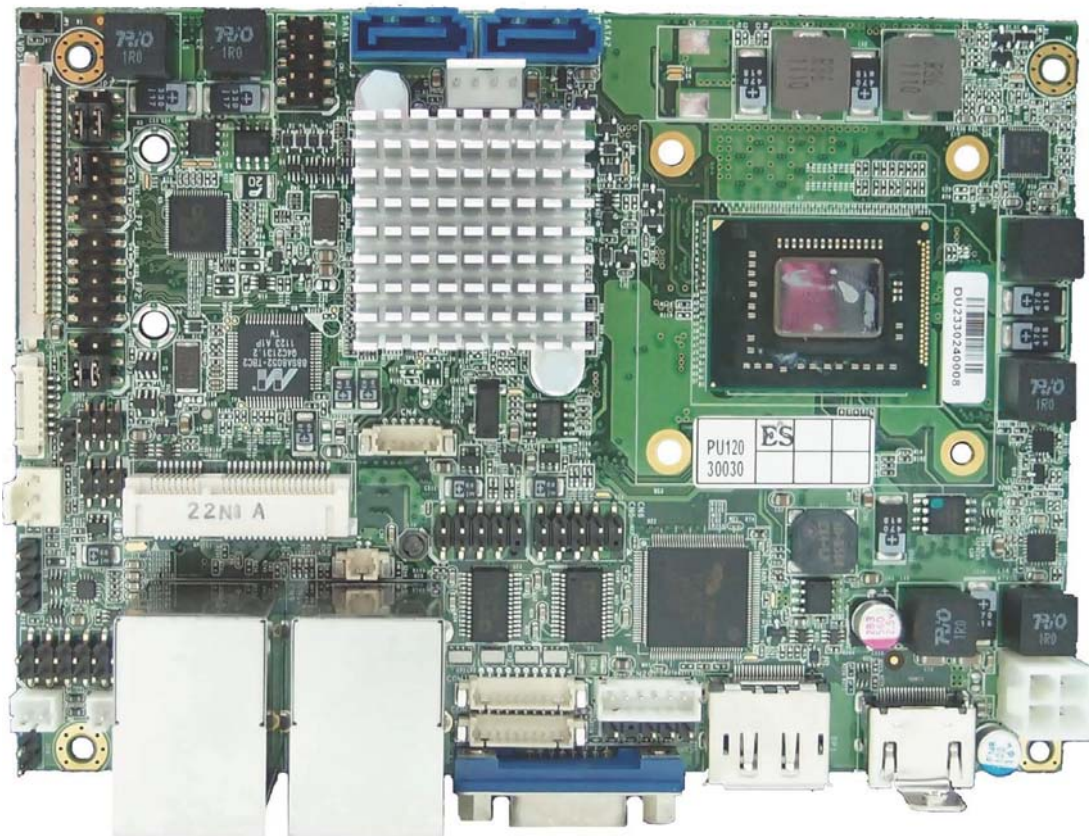


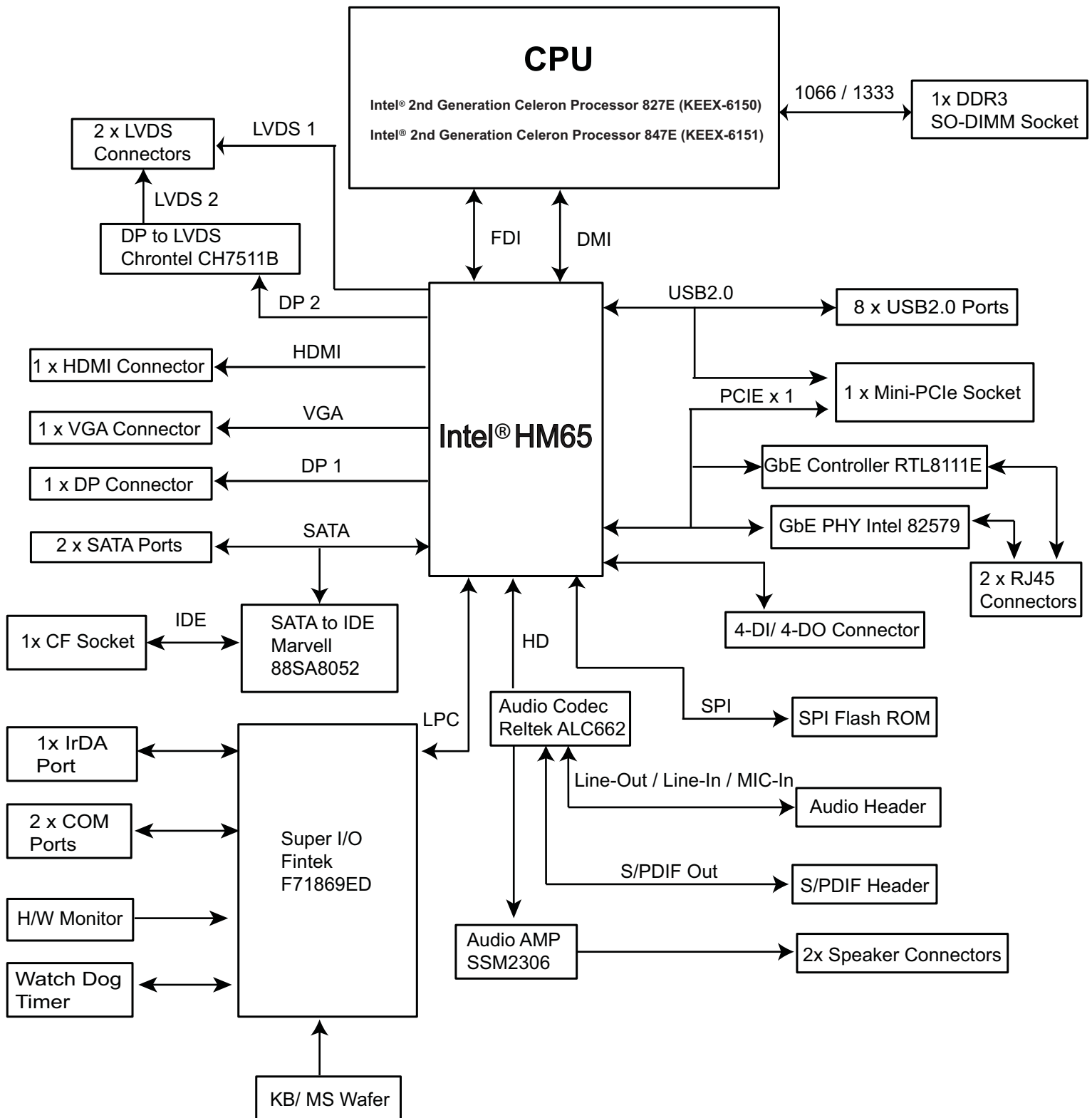
KEEX-6150 Series

Industrial Embedded SBC with
Intel® 2nd Generation 827E/ 847E Processor



- Intel® 2nd Generation 827E Processor (KEEX-6150)
- Intel® 2nd Generation 847E Processor (KEEX-6151)
- Intel® HM65 Express Chipset
- Intel® HD Graphics 3000 processor graphics
- Single-channel DDR3 1066/1333 MHz memory support
- 8xUSB 2.0, 2xCOM, 2xGbE LAN, 2xSATA
- 8-bits Digital I/O supported
- 2x 24-bits LVDS, 1x VGA, 1xHDMI, 1xDP Supported
- 1x Mini-PCIe slot supported
- Watchdog, Hardware Monitor, TPM1.2

Block Diagram



Technical Information

CPU Support
KEEX-6150: Intel® 2nd Generation Celeron Processor 827E (1.5M Cache, 1.40GHz) KEEX-6151: Intel® 2nd Generation Celeron Processor 847E (2M Cache, 1.10GHz)
Chipset
Intel® HM65 Express Chipset
Memory
1x Single-channel DDR3 1066/1333 MHz memory support (4GB max)
BIOS
AMI Plug & Play SPI BIOS
Graphic
Intel® HD Graphics 3000 processor graphics
Display
1x VGA 2x Dual channel 24-bit LVDS 1x DP 1x HDMI
LAN
2x Gigabit Ethernet (Realtek RTL8111E) PXE/WOL supported
Audio
Realtek ALC662 HD Codec w/ 2W Audio Amplifier Line-In, Line-Out and Mic-In/ SPDIF Supported
Storage
2x SATA 1x +5V/12V for SATA power 1x CF Socket
USB
8x USB 2.0 supported (4x RJ 45 ports and 2x 2x5-pin headers for the internal use)

COM
2x COM ports supported with power selection (with RS-232/422/485 selection on COM1) (with RS-232 on COM2)
PS/2
1x PS/2 Keyboard and Mouse
FAN
Fan connector with smart fan supported
DIO
1X 8-bits DIO connector (4-bits input and 4-bits output) DIO signals with 5V level supported
Expansion Slot
1x Mini-PCIe slot
Hardware Monitor
Operating voltage, CPU temperature and fan speed
Watchdog Timer
1-255 step, can be set with software on Super I/O
Power
DC 12V Input 1x ATX power connector
OS Supported
Windows 7
Dimensions
146 mm x 105 mm
Environment
Operation Temp: 0°C - 60°C Storage Temp.: -20°C - 80°C Humidity: 0% - 95%
Certification
CE, FCC Class A

KEEX-6150/6151 I/Os

