

mITX-SKL-S-C236



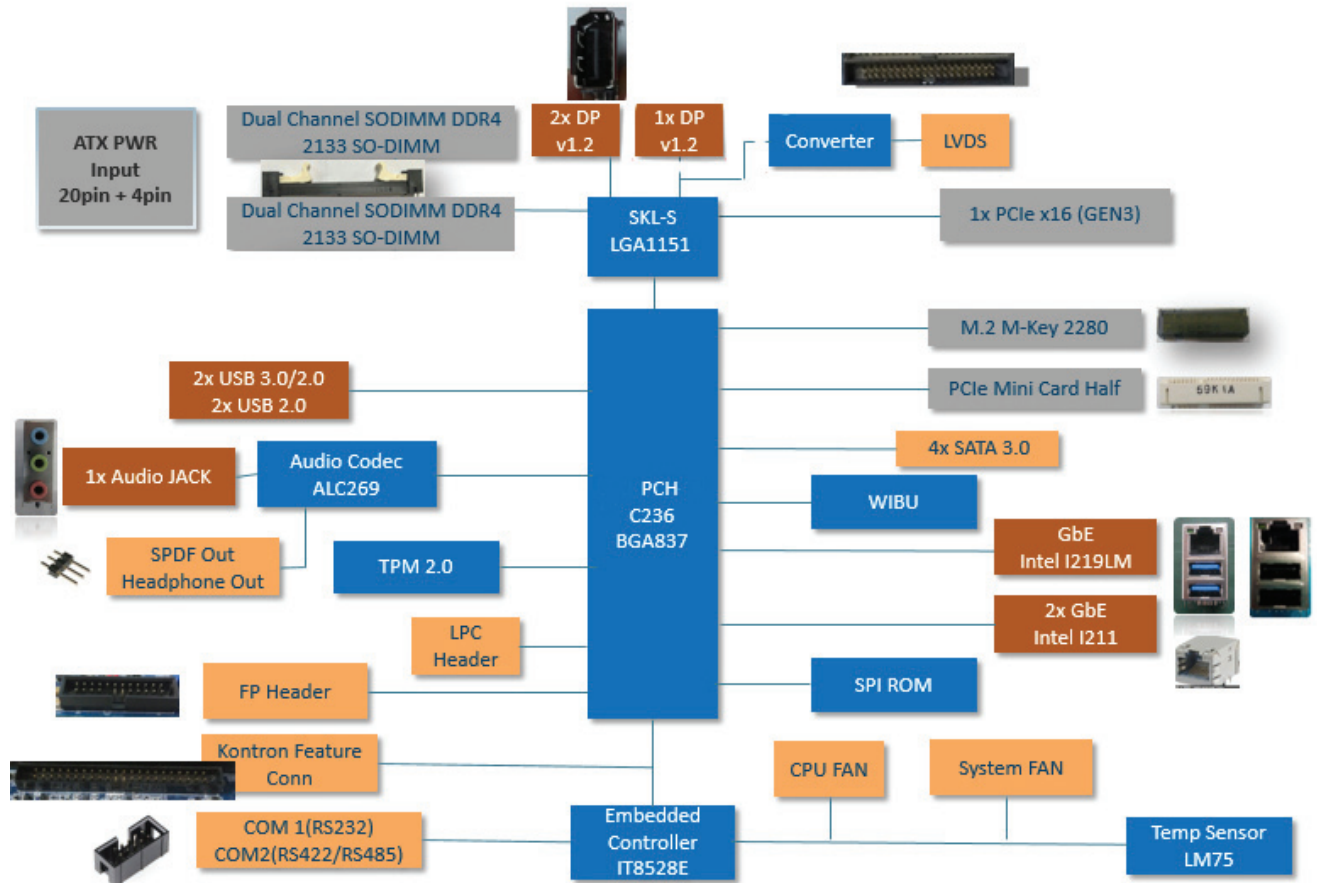
EMBEDDED mITX DESKTOP MOTHERBOARD WITH 6th GENERATION Intel® 14NM Quad Core™ i3/i5/i7, Xeon® E3 CPUS

- ▶ long term available Embedded mITX desktop class motherboard
- ▶ LVDS 24bit dual channel and display port 1.2
- ▶ SO-DIMM DDR4-2133 memory (up to 32 GByte)
- ▶ TPM 2.0 and hardware security device to protect applications and licensing
- ▶ mPCIe and M.2 socket

POSSIBILITIES START HERE



► BLOCK DIAGRAM mITX-SKL-S-C236



mITX-SLK-S-C236

TYPICAL APPLICATIONS

- ▶ POS/POI: Higher Graphics and CPU core performance, Low power, multi display support
- ▶ Medical/Connectivity: Higher Graphics and CPU core performance, longevity
- ▶ Industrial Automation: Wide range of I/Os, compact size, longevity
- ▶ Digital signage: Multi display support, low power, wide range of I/Os
- ▶ Future-oriented Devices: Display Port and LVDS, low power, compact size

The mITX-SKL-S-C236 is part of the Security Solution Product Line the motherboard is prepared for Application Protection, License Creation, Delivery, Management and Tracking, Implementation of license models as well as the assignment of privileges and access levels.

▶ TECHNICAL INFORMATION

PROCESSOR	Intel® Xeon® E3, Core i7/i5
MEMORY	2x DDR4 ECC/Non ECC SODIMM 2133 MHz (up to 32 GByte)
GRAPHICS INTERFACE	3x Independent Displays (3x DP, 2x DP+LVDS)
SPECIAL	TPM2.0, hardware security device, M.2 (2280, Socket 3, M-Key)
SATA PORTS	4x SATA Gen 3.0
MPCIe / MSATA SLOT	1x Mini-PCIe (Half size) with USB2.0
SERIAL PORTS	1x RS232; 1x RS485 Half duplex /2 pairs RS422
LAN PORTS	3x Ethernet on rear IO Gigabit-LAN (10/100/1000 MBit)
USB PORTS	2x USB 3.0 (Rear)+ 2x USB 2.0 (Rear) + 2x USB 2.0 (Front Header) + 1x USB 2.0 (mPCIe)
AUDIO	HD Analog audio interface (Line-In, Line-Out, Mic-In, SPDIF)
PCIe SLOTS	1x PCIe x16 (Gen 3)
TPM	TPM2.0, Hardware Security Device
POWER SUPPLY	ATX PWR 20pin + 4pin (Internal Input Power)
SAFETY	IEC 60950-1: 2005, 2nd Edition UL 60950-1, CSA C22.2 No. 60950-1
COOLING SOLUTIONS	Passive and active cooling solutions
OPERATING TEMPERATURE	0° C to 60° C
REGULATORY	Comply with Emission: EN55022
DIMENSIONS	Mini-ITX, 170 x 170 mm
OPERATING SYSTEMS	Win7, Win8.1, Win10, WES7, Linux
CHIPSET	C236
SUPPORTED MODULES	mITX-SKL-S C236 810685-45XX

GLOBAL HEADQUARTERS

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