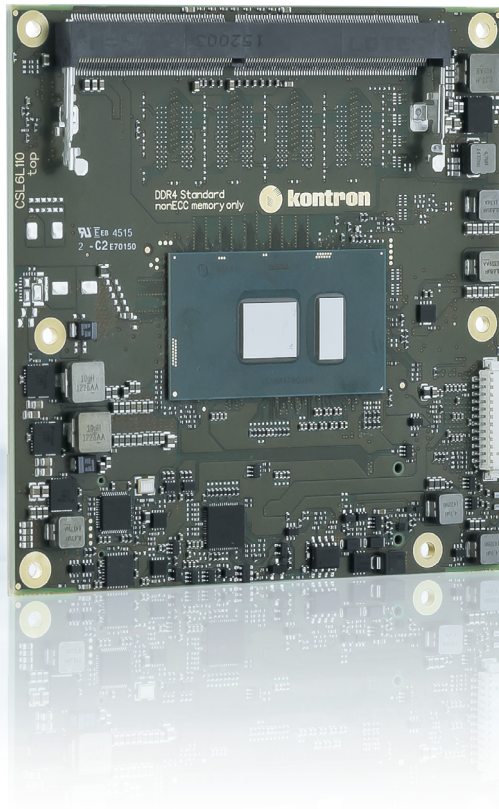


# COMe-cSL6

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## COM Express® basic Type 6 with 6th Gen Intel® Core™ processors

- ▶ COM Express compact pin-out type 6 Computer-on-Module with 6th Gen Intel® Core™ processors
- ▶ Up to 24 GByte DDR4 memory (8 GByte DDR4 memory down)
- ▶ Up to 10 lanes PCIe 3.0
- ▶ 4x USB 3.0, 2x SATA 6G

POSSIBILITIES START HERE



## ► TECHNICAL INFORMATION

<b>COMPLIANCE</b>	COM Express Compact Pin-out Type 6
<b>DIMENSIONS (H x W x D)</b>	95 x 95 mm
<b>CPU</b>	Intel® Core™ i7-6600U (2x 2.60 GHz, GT3, 15 W) Intel® Core™ i5-6300U (2x 2.40 GHz, GT3, 15 W) Intel® Core™ i3-6100U (2x 2.30 GHz, GT2, 15 W) Intel® Celeron® Processor 3955U
<b>CHIPSET</b>	Integrated SoC
<b>MAIN MEMORY</b>	1x DDR4 SO-DIMM up to 16 GByte, 2nd channel DDR4- memory down up to 8 GByte
<b>GRAPHICS CONTROLLER</b>	Intel® HD Graphics 520
<b>ETHERNET CONTROLLER</b>	Intel® I219LM
<b>ETHERNET</b>	10/100/1000 MBit Ethernet
<b>HARD DISK</b>	2x SATA 6Gb/s
<b>FLASH ONBOARD</b>	up to 32 GByte SLC eMMC (depending on SKU - standard feature or available on request)
<b>PCI Express/ PCI SUPPORT</b>	5x PCIe3.0 on PCIe lane 0-4 (3.0 only i5/ i7 SKUs) 5 controllers, 5 x1, 1 x4 + 1x 1 Option: 6 Lanes if no LAN 4x PCIe3.0 on PEG Lanes 0-3 (3.0 only i5/ i7 SKUs) 1 Controller, 1 x4 or 1 x2 or 1 x1, (Intel® RST)
<b>PANEL SIGNAL</b>	DDI1: DP++, DDI2: DP++, DDI3: -, VGA: -, LVDS: Dual Channel 18/24 bit
<b>USB</b>	4x USB 3.0 (incl. USB 2.0) + 4x USB 2.0
<b>SERIAL</b>	2x serial interface (RX/TX only)
<b>AUDIO</b>	Intel® High Definition Audio
<b>COMMON FEATURES</b>	SPI, LPC, SMB, Fast I <sup>2</sup> C, Staged Watchdog, RTC, MARS
<b>BIOS</b>	AMI Aptio V
<b>HUMIDITY</b>	93 % relative Humidity at 40 °C, non-condensing (according to IEC 60068-2-78)
<b>ON REQUEST</b>	vPRO (AMT/TXT/AES Support), eDP instead of LVDS, 1x PCIe x1 additional w/o onboard LAN, max. 32 GByte SLC eMMC, industrial grade -40 °C to +85 °C, Security Chip
<b>POWER MANAGEMENT</b>	ACPI 6.0, S5 Eco
<b>POWER SUPPLY</b>	8.5 V – 20 V Wide Range ATX, Single Supply Power
<b>SPECIAL FEATURES</b>	POSCAP capacitors, Trusted Platform Module TPM 2.0
<b>OPERATING SYSTEMS</b>	Windows® 10, Windows® 8.1, Windows® 7, WES7, Linux, VxWorks
<b>TEMPERATURE</b>	Commercial temperature: 0 °C to +60 °C operating, -30 °C to +85 °C non-operating Extended temperature: -25 °C to +75 °C operating, -30 °C to +85 °C non-operating
<b>SUPPORTED MODULES</b>	COMe-cSL6 xx-xxxxx