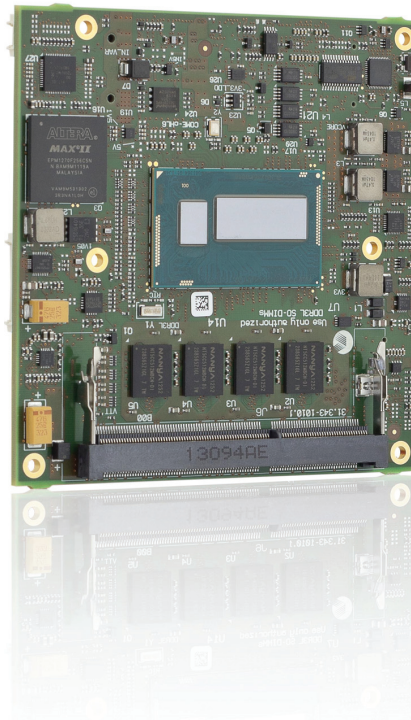


» COMe-cHL6 «

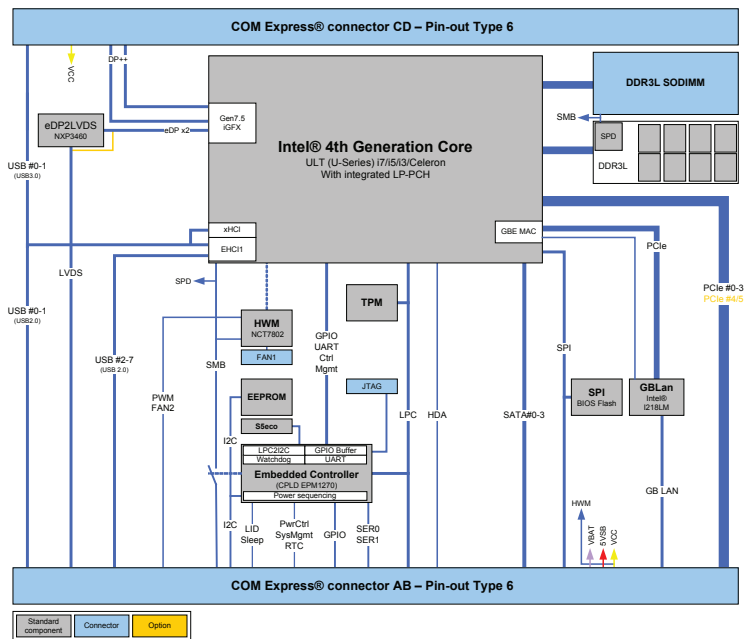


COM Express® compact Type 6 with 4th Generation Intel® Core™ Processors

- » Intel® 4th Generation Core™ i7/i5/i3/Celeron ULT Series
- » Up to 12GB DDR3L with 1x Memory Down + 1x SODIMM
- » 3 independent display outputs (2x DP++ & Dual Channel LVDS)

Technical Information

Compliance	COM Express® compact, Pin-out Type 6
Dimensions (H x W x D)	95 x 95 mm
CPU	Intel® Core™ i7-4650U, Intel® Core™ i5-4300U, Intel® Core™ i3-4010U, Intel® Celeron® 2980U,
Chipset	Intel® 8-Series LynxPoint-LP integrated in CPU
Main Memory	1x DDR3L-1600 SO-DIMM up to 8GB, 1x DDR3L-1600 memory down 2-4GB
Graphics Controller	Intel® HD5000 (GT3), Intel® HD4400 (GT2), Intel® HD Graphics (GT1)
Ethernet Controller	Intel® I218LM
Ethernet	10/100/1000 MBit Ethernet
Hard Disk	4x SATA 6Gb/s
Flash Onboard	-
PCI Express® / PCI support	4x PCIe Gen 2.0
Panel signal	DDI1: DP++, DDI2: DP++, DDI3: -, VGA: -, LVDS: Dual Channel 18/24bit
USB	2x USB 3.0, 6x USB 2.0
Serial	2x serial interface (RX/TX only)
Audio	Intel® High Definition Audio
Common Features	SPI, LPC, SMB, Fast I ² C, Staged Watchdog, RTC, MARS
BIOS	Phoenix Secure Core UEFI
Humidity	93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78)
Options	1x PCIe x2 additional w/o onboard LAN, eDP instead of LVDS, vPRO (AMT/TXT/AES Support)
Power Management	ACPI 4.0, S5 Eco
Power Supply	8.5V – 20V Wide Range, Single Supply Power
Special Features	POSCAP capacitors, Trusted Platform Module TPM 1.2, 4k Resolutions
Operating System	Windows® 8, Windows® 7, WE8S, WE7, Linux, VxWorks
Temperature	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



CORPORATE OFFICES

Europe, Middle East & Africa

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany

Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA

Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China

Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn