

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

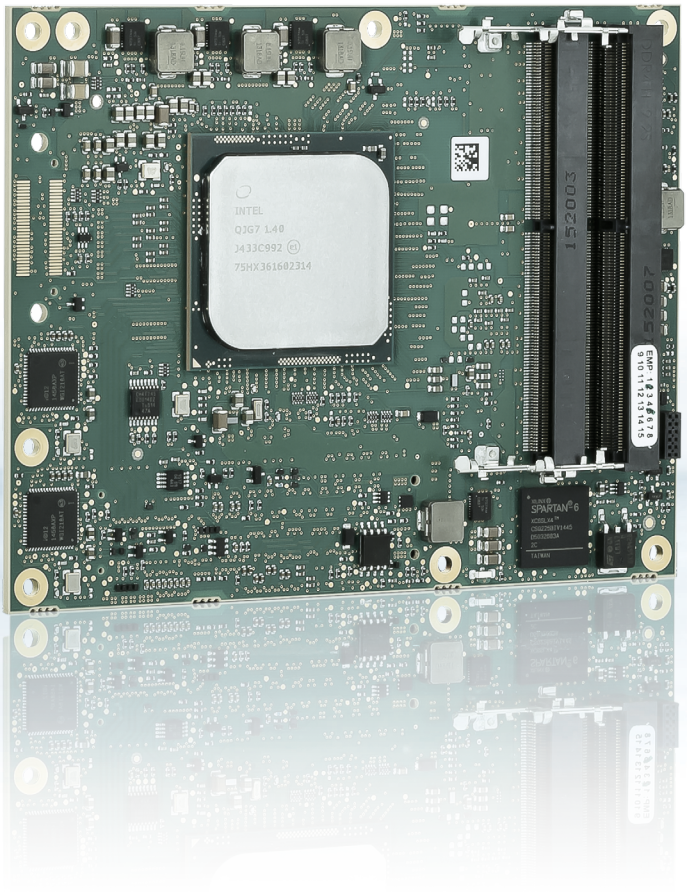
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

COMe-bBD6



COM Express® basic type 6 with Intel® Xeon® processor D-1500

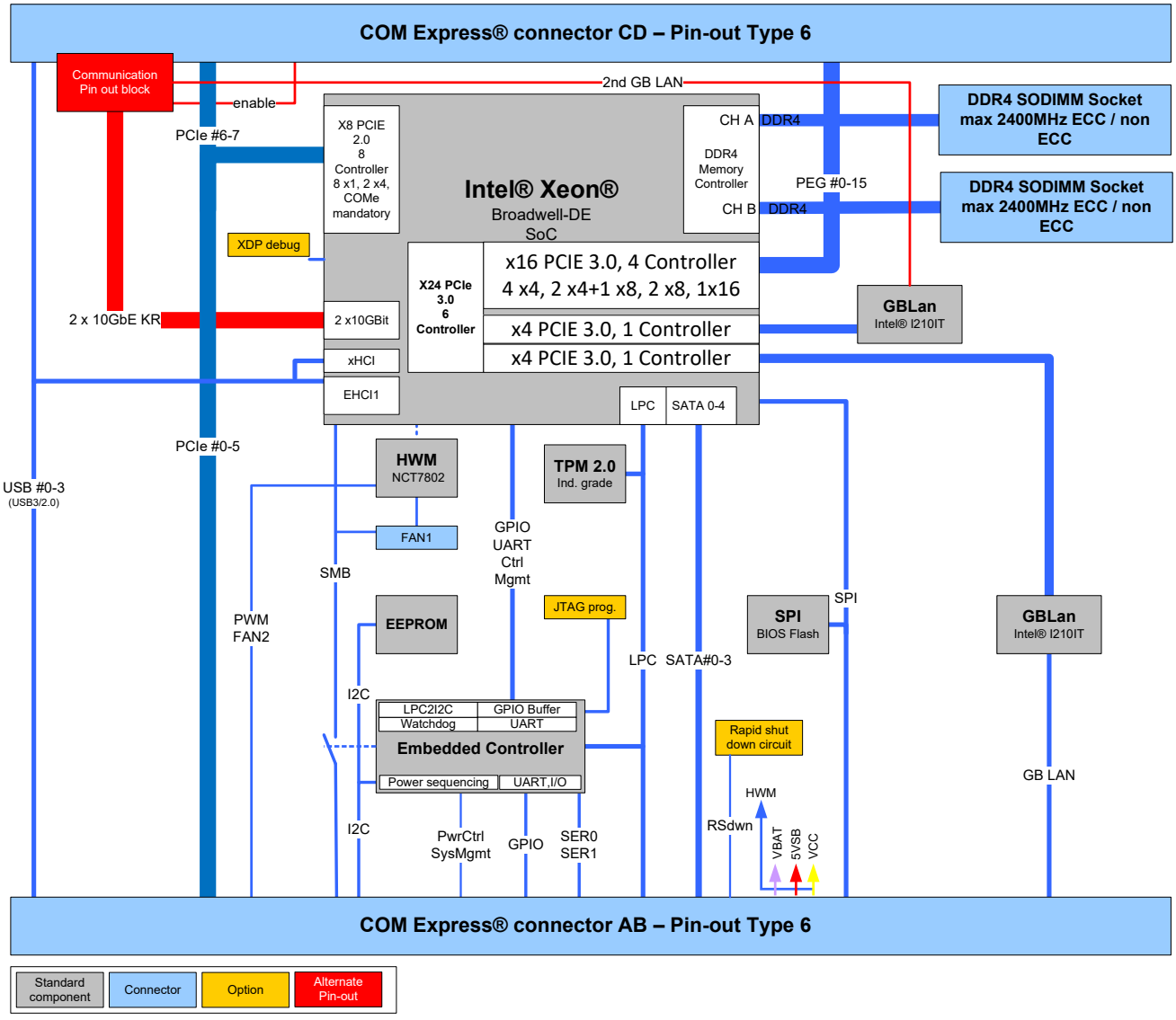
- Intel® Xeon® D-1500 SoC processor family
- DDR4 memory technology up to 32 GByte ECC, 2x SODIMMs
- High-speed connectivity x16 PCIe 3.0 + x8 PCIe 2.0, Dual 10GbE interfaces (on request)

POSSIBILITIES START HERE kontron S&T Group

TECHNICAL INFORMATION

COMPLIANCE	COM Express® Basic, Pin-out Type 6 compatible
DIMENSIONS (H x W)	95 x 125mm
CPU (SoC)	Intel® Xeon® Processor D-1548, 8 C, 2.0 GHz, 12 MByte, 45 W, Intel® Xeon® Processor D-1537, 8 C, 1.7 GHz, 12 MByte, 35 W, Intel® Xeon® Processor D-1528, 6 C, 1.9 GHz, 9 MByte, 35 W, Intel® Xeon® Processor D-1527, 4 C, 2.2 GHz, 6 MByte, 35 W, Intel® Pentium® Processor D-1517, 4 C, 1.6 GHz, 6 MByte, 25 W, Intel® Pentium® Processor D-1508, 2 C, 2.2 GHz, 3 MByte, 25 W, Intel® Xeon® Processor D-1518, 4 C, 2.2 GHz, 6 MByte, 35 W, no dual 10GbE KR Intel® Pentium® Processor D1519,4 C, 1.6 GHz, 6 MByte, 25 W, ind. Temp Intel® Xeon® Processor D-1539 , 8 C, 1.6 GHz, 12 MByte, 35 W, ind. Temp Intel® Xeon® Processor D-1559, 12 C, 1.5 GHz, 18 MByte, 45 W, ind. Temp
MAIN MEMORY	2x DDR4 SODIMM dual channel up to 32 GByte ECC or non ECC
ETHERNET CONTROLLER	Intel® I210IT
ETHERNET	1x 10/100/1000 MBit Ethernet Special Communication interface block (alternative pin out, not standardized) 2nd 10/100/1000 MBit Ethernet, Intel I210IT Dual 10GbE Interface (KR) integrated in SoC
STORAGE	4x SATA3, 6Gb/s
FLASH ONBOARD	-
PCI Express®	16x PCIE 3.0 (4 controllers, x4, x8, x16 configuration) + 8x PCIE2.0 (8 controllers, x1, x2, x4 configuration)
USB	4x USB 3.0/2.0
SERIAL	2x serial interface (RX/TX only)
COMMON FEATURES	SPI, LPC, SMB, Fast I²C, Staged Watchdog, RTC
BIOS	AMI UEFI
HUMIDITY	93 % relative Humidity at 40 °C, non-condensing (according to IEC 60068-2-78)
OPTIONS	Onboard SATA SSD up to 32 GByte SLC
POWER MANAGEMENT	ACPI 4.0
POWER SUPPLY	ATX, 8.5 V – 20 V Wide Range, Single Supply Power
SPECIAL FEATURES/ SECURITY	TPM 2.0, INFINEON SLB9665XQ2.0
SPECIFICATIONS	Commercial grade Version Temperature 0 - 60 °C, Industrial grade Versions -40 °C to +85 °C
OPERATING SYSTEMS	Linux, Windows Server 2008 R2 SP1 / 2012, /2012 R2 Windows 7 and 8.1, VxWorks 7.x
TEMPERATURE	Commercial Temperature 0 - 60 °C Industrial temperature -40 °C to +85 °C (specified SKUs only)
SUPPORTED MODULES	COMe-bBD6 68002-xxxx-xx-x commercial grade COMe-bBDi6R 68003-xxxx-xx-x industrial grade (specified SKUs only)

BLOCKDIAGRAM



GLOBAL HEADQUARTERS

Kontron Europe GmbH

Gutenbergstraße 2
85737 Ismaning, Germany
Tel.: + 49 821 4086-0
Fax: + 49 821 4086-111
info@kontron.com

www.kontron.com

Copyright © 2022 Kontron. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. Kontron and the Kontron logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized. Specifications are subject to change without notice. COMe-bBD6-20220721-WMH

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP