

S14 RUGGED

High Performance Computing Platform



Highly ruggedized Hardware Platform for Autonomous Driving

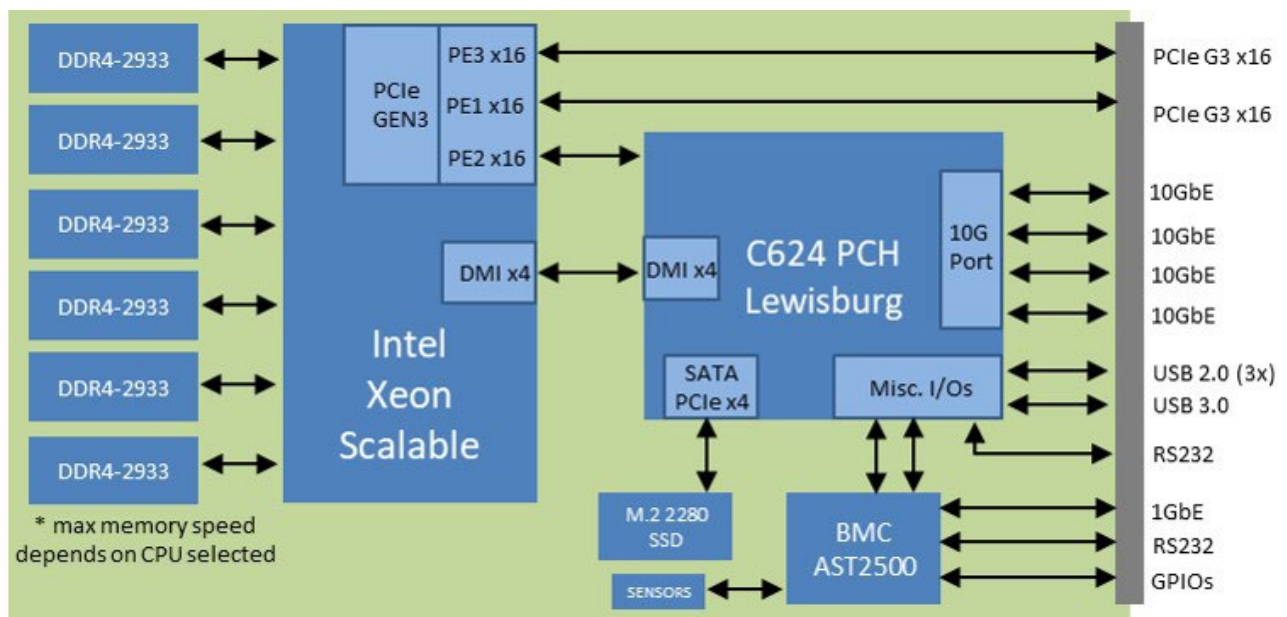
- ▶ Intel® Xeon® scalable Processors, up to 28 cores
- ▶ 4x port 10 GbE Ethernet and 2x PCIe x16 ports
- ▶ Other configurations and options available on a project basis
- ▶ Optimized for liquid cooling

POSSIBILITIES START HERE



► TECHNICAL INFORMATION

DIMENSIONS (H X W)	221 x 320 mm
PROCESSOR	Intel® Xeon® Scalable Processors, up to 28 cores
CHIPSET	Lewisburg C624PCH
DRAM	6x Channels, DDR4 ECC, RDIMM, up to 2933 MHz
STORAGE	M.2 2280, PCIe x4 or SATA
ETHERNET PORTS	4x 10 GbE ports 1x 1 GbE port
PCI-EXPRESS	2x PCIe Gen3 x16 ports (or combinations of up to four x8, or eight x4)
USB	3x USB (2.0) 1x USB (2.0/3.0)
SERIAL	1x RS232 Processor port 1x RS232 BMC Management port
POWER	Input Voltage: 9.8 – 16 VDC (12 VDC nominal) Power Consumption: 300 W to 450 W (configuration dependent)
OPERATING TEMPERATURE COOLING	Typ. 0 – 70 °C, chassis-dependent Optimized for liquid-cooled applications
SHOCK	50g/6 ms Half Sine
VIBRATION	20-500 Hz - 3g



► GLOBAL HEADQUARTERS

KONTRON S&T AG

Lise-Meitner-Str. 3-5
86156 Augsburg, Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com
www.kontron.com