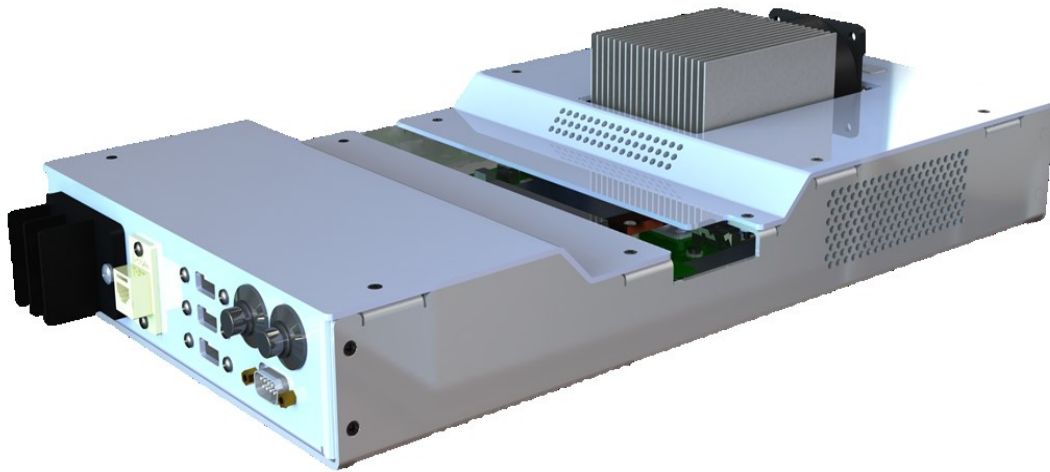


S2000 DEVELOPMENT PLATFORM



Application Ready Hardware Platform for Autonomous Vehicles

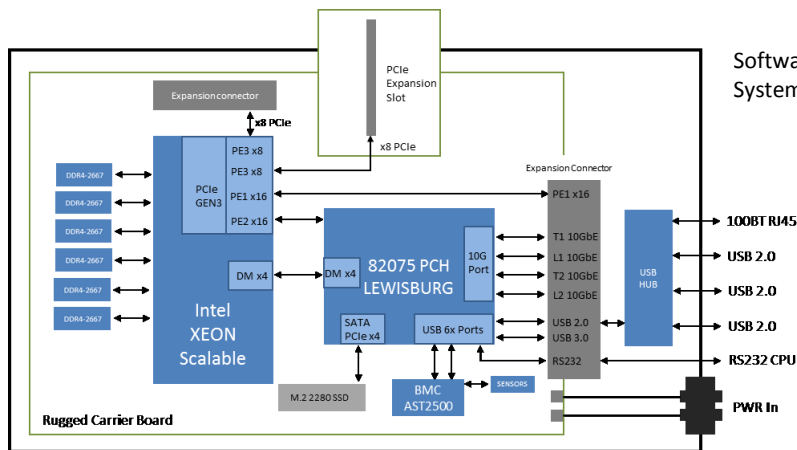
- ▶ Featuring Intel® XEON® Scalable 8160T 24-Core Processor
- ▶ Expansion slot for Full Size PCIe Card (GPU, FPGA Accelerators, Video)
- ▶ Software Development Platform for Lab Use
- ▶ Ruggedized & Modular carrier board for in-vehicle deployment

TECHNICAL INFORMATION

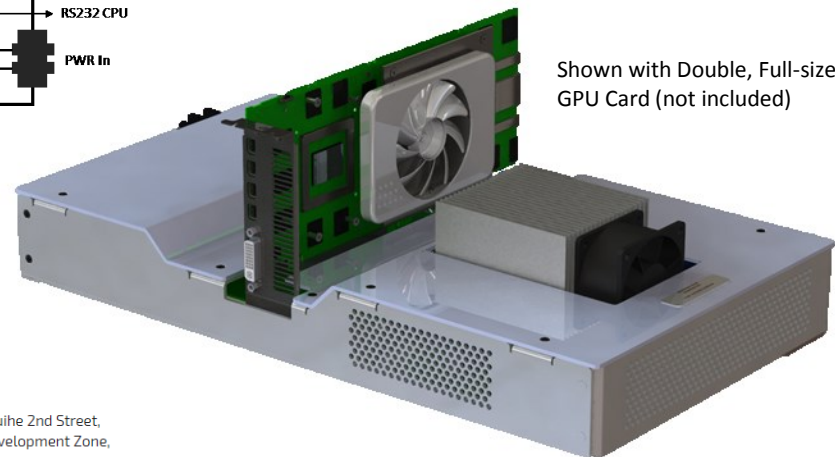
FORM FACTOR	Lab Development Platform : 9.0" W x 16.5" L x 4.0" H
PROCESSOR	Xeon® Scalable Processors 8160T 24-Core (2.1GHz, 150W TDP) Xeon® Scalable Processors 6126T 12-Core (2.6GHz, 125W TDP) Other options on a project basis
CHIPSET	Lewisburg 82075PCH
DRAM	6x Channels, 8GB DDR4 ECC (2667MHz), 48GB RAM Other options available
STORAGE	128GB M.2 2280, PCIe
ETHERNET PORTS	1x 100BT maintenance interface
PCI-EXPRESS	One PCIe Gen3 x8 ports; support for full size single or double PCIe card
USB	3x USB 2.0 ports
SERIAL	1x RS232 Processor port
POWER	Input Voltage: 10 – 16VDC (12VDC nominal) Power Consumption: up to 500W (configuration dependent)
COOLING	Integrated cooling fan
Operating System	Linux Ubuntu 16.04, LTS, 64-Bit (installed)

ORDERING INFORMATION

PART NO.	DESCRIPTION
78501002-002	S2000 PLATFORM, 12-CORE 6126 XEON , 48GB RAM, 128GB SSD
78501002-003	S2000 PLATFORM, 24-CORE 8160 XEON , 48GB RAM, 128GB SSD



Software Development Unit System Diagram



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