

HoneyComb 1U Dual Server

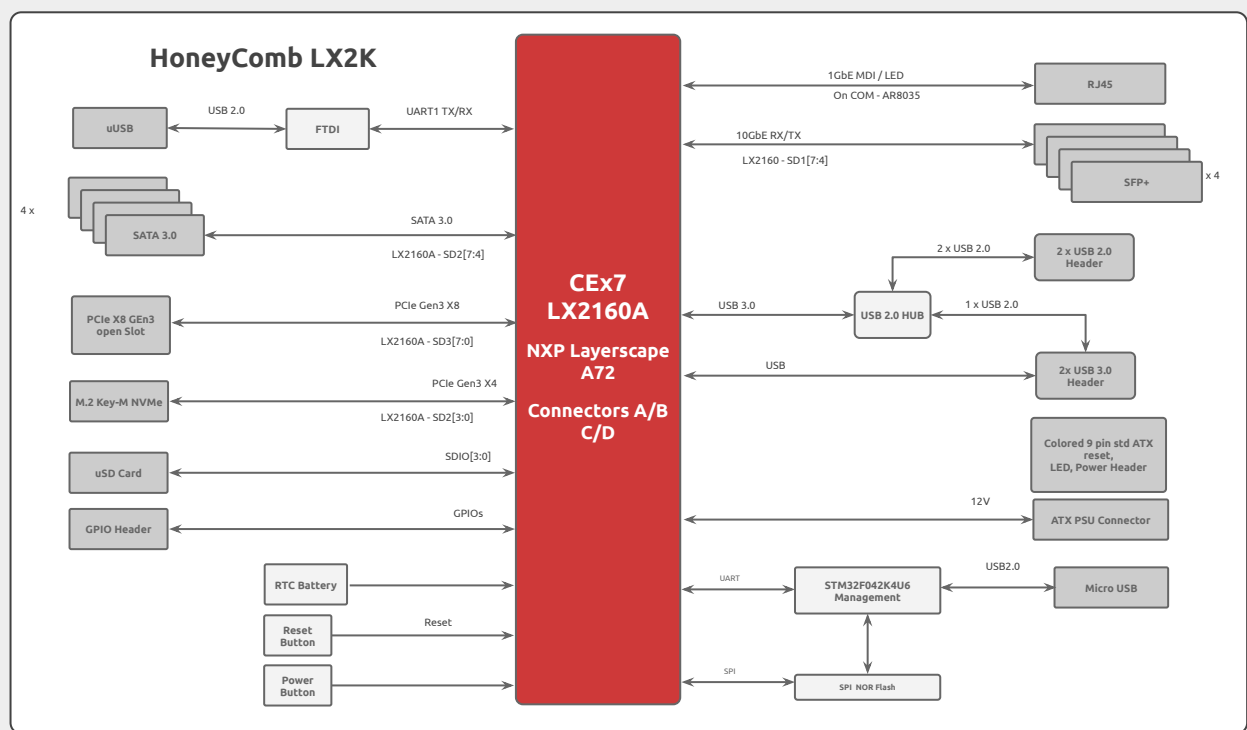
Dual 16 Cortex-A72 CPU cores, up to 2.2GHz



- SoC: 2X NXP LX2160A 16 core Arm Cortex A72
- Memory: Up to 64GB dual 64 bit SO-DIMM DDR4 (not included by default)
- Storage: Optional eMMC (64GB by default)
- Temperature: Commercial (0C to 40C)



	HONEYCOMB LX2 BASE 1U SERVER	HONEYCOMB LX2 PRO 1U SERVER
I/Os	3 x USB 3.0 3 x USB 2.0	3 x USB 3.0 3 x USB 2.0
Networking	4 x SFP+ ports (10GbE each) 1 x 1GbE copper (RJ45)	1 x QSFP ports (100GbE) 4 x SFP+ ports (10GbE each) 1 x 1GbE copper (RJ45)
Processor	2 x NXP Layerscape LX2160A 16-core Arm Cortex A72 up to 2GHz	2 x NXP Layerscape LX2160A 16-core Arm Cortex A72 up to 2GHz
Memory & Storage	Up to 64GB DDR4 DIMM 64GB eMMC MicroSD 4 x SATA 3.0	Up to 64GB DDR4 DIMM 64GB eMMC MicroSD 4 x SATA 3.0
Display	None	None
Misc.	USB to STM32 for remote management	USB to STM32 for remote management
Development and Debug interfaces	Micro USB JTAG	Micro USB JTAG
Power	1 x 300W PSU 2 x PWM 40mm x 40mm fans	1 x 300W PSU 2 x PWM 40mm x 40mm fans
Expansion card I/Os	1 x PCIe x8 Gen 3.0, open slot (can support x16) 1 x M.2 for SSD NVMe	1 x PCIe x8 Gen 3.0, open slot (can support x16) 1 x M.2 for SSD NVMe
Temperature	Commercial: 0°C to 40°C	Commercial: 0°C to 40°C
Enclosure	1U 19" Rackmount Chassis with Dual Mini-ITX Sleds	1U 19" Rackmount Chassis with Dual Mini-ITX Sleds

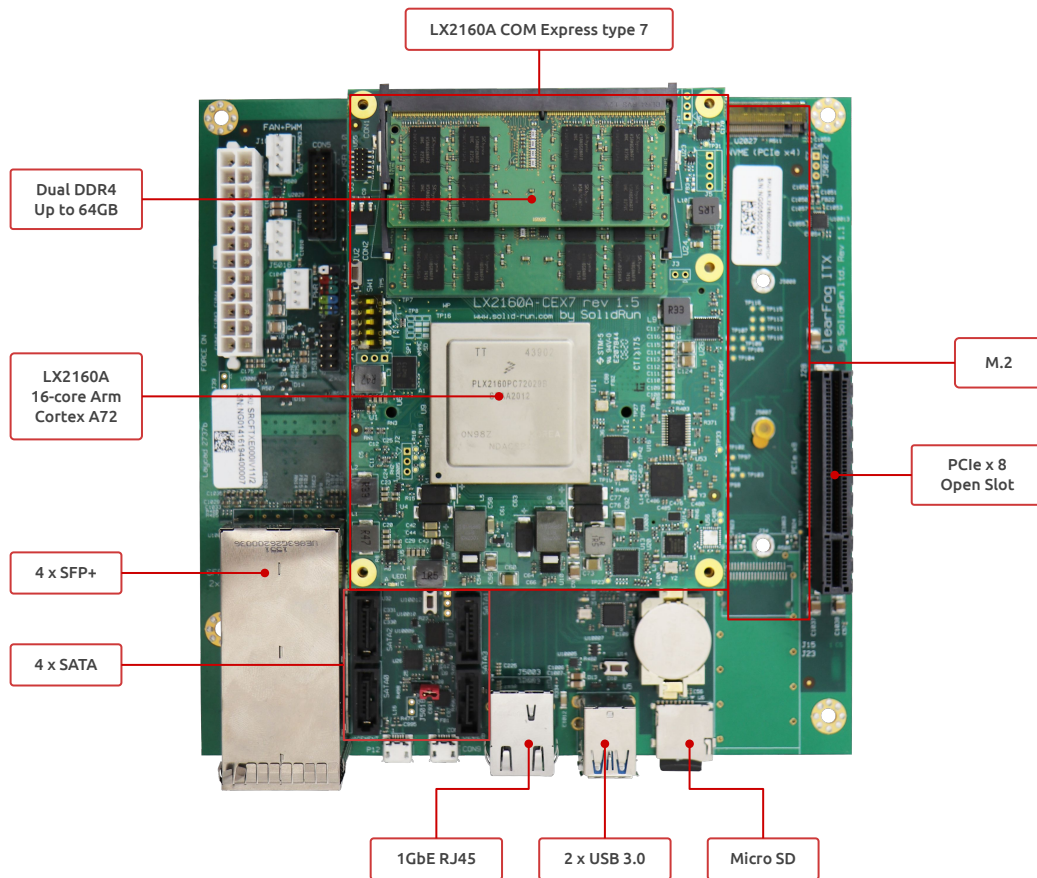


Ordering Information

Available on Shop	
	Description
<u>Buy Now</u>	HoneyComb LX2 Base 1U Server No RAM 64GB eMMC Com.Temp
	HoneyComb Pro LX2 Base 1U Server No RAM 64GB eMMC Com.Temp

- To choose your ideal configuration see our [Product Configurator Tool](#)

Accessories:	
SKU	Description
MSD016B	Micro SD 16 GB
SO-DIMM216	Kingston HyperX 32GB SO-DIMM DDR4 (2x 16GB)



For more information about the HoneyComb LX2
Software/Hardware visit our:

Developer Center