



HoneyComb

Powered by **SolidRun**

LX2160A Mini ITX Arm Workstation



HoneyComb LX2K is a feature-rich mini-ITX development board designed for the standard COM Express type 7 form factor - allowing developers easy access to supported modules, with powerful networking and connectivity options.

Paired with CEx7 LX2160A, HoneyComb becomes a ground breaking Arm based Workstation - offered as a developer board or as a deployable solution.

- ▶ **NXP Layerscape LX2160A**
16 core (up to 2GHz)
- ▶ **ARM Cortex A72**
- ▶ **Mini ITX form factor**
- ▶ **Feature-rich**



Layerscape LX2160A
16 Arm Cortex A72 cores



Embedded COM Express
type 7 compatible carrier



Powerful Networking
Features & Connectivity



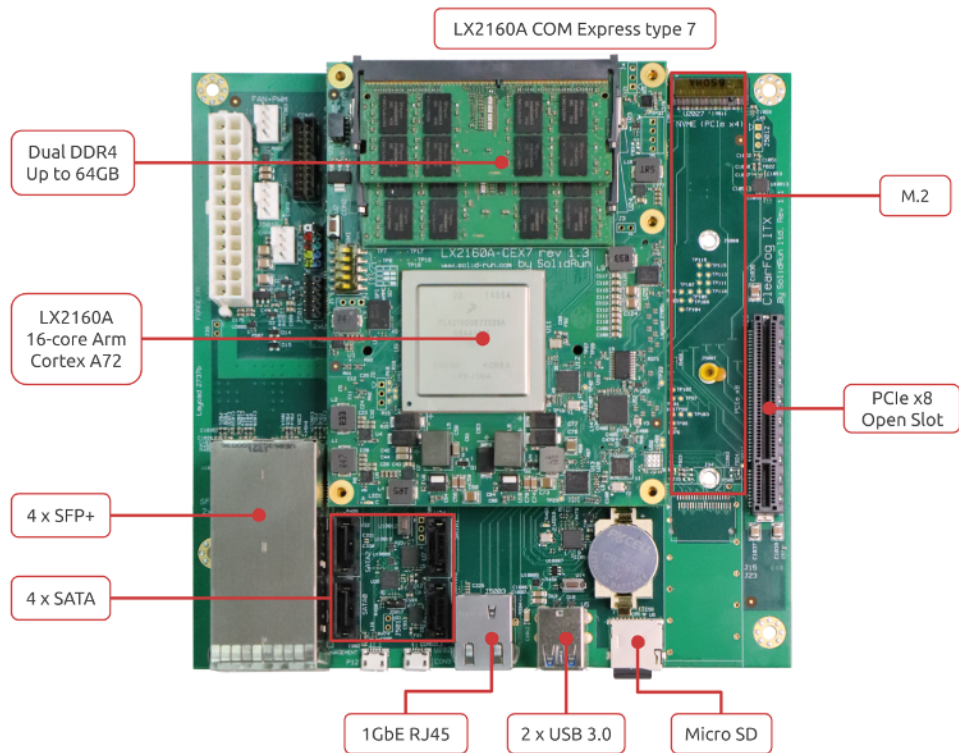
Development & deployable
configurations



Embedded Edge Computing
www.Solid-Run.com

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HoneyComb LX2K	
COM Model	CEX7 LX2160A 16-core Arm Cortex A72 (up to 2GHz)
Form Factor	Mini ITX carrier board for COM Express type 7 module
Memory & Storage	up to 64GB DDR4 SO-DIMM (dual channel) M.2 2240/2280 MicroSD eMMC (64GB by default) 4 x SATA 3.0
Network	4 x SFP+ ports (10GbE each) 1 x 1GbE copper (RJ45)
Connectivity	3 x USB 2.0 3 x USB 3.0 1 x PCIe x8 gen 3.0 - open slot (can support x16)
I/O	MicroUSB for debug (UART over USB) USB to STM32 for remote management
OS Support	Linux 4.14x
Dimensions	170mm x 170mm
Power	ATX Standard
Enclosure	Not Included Mini ITX form factor supporting mini ITX enclosures & workstation



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