



# MitySBC-A5E

## Intel Agilex 5E SBC & SOMs



### Production-Ready Solution for Broad Market Applications

Industry 4.0

Medical Equipment & Imaging

Automated Test & Measurement

Embedded Instrumentation

Retail Automation

Smart City / Infrastructure

Broadcast & Pro-AV

Radar & Defense

FPGA Prototyping

### SBC SPECIFICATIONS

- Intel SoC
  - Agilex 5 E-Series: 32mm x 32 mm package
  - FPGA fabric: 650 KLE
  - Dual core Cortex-A55 + Dual core Cortex-A76
- Memory
  - 8 GB LPDDR4 HPS
  - 8 GB LPDDR4 FPGA
  - eMMC
  - uSD
  - QSPI NOR for configuration
- Power
  - 12Vdc Input, all supplies generated on board
- Interfaces
  - FMC
  - MIPI (x4 lanes x 8)
  - QSFP+
  - 10M / 100M / 1G / 2.5G Ethernet
  - 10M / 100M / 1G Ethernet
  - Display Port
  - M.2
  - USB-C & USB 2

### PERFORMANCE & FLEXIBILITY

*2.5x the performance, 50% less power consumption vs Cyclone V SoC*

*Critical Link SOM & SBC solutions ranging from 50-656KLE*

*Prototypes Q1 2024 – Contact Critical Link for early access!*

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