

## Low Cost Steppe Eagle Evaluation platform (DB-FT3b-LC)

The AMD DB-FT3b-LC is a reference board that is specifically design for low cost applications like a single output media player, kiosk or small form factor PC. This board can be used as a low cost software development platform for the second-generation AMD Embedded G-Series SoC APU (Accelerated Processing Unit). The available I/O is a subset of the full capabilities of the new SoC but provide the basic functionality in a very small 100mm x 100mm motherboard. This board demonstrates the high performance and scalability of the new AMD embedded SoC in a small form factor.

### G-Series 2nd Generation (Steppe Eagle) Reference System

- ◆ AMD Embedded FT3b APU with AMD Radeon™ 8000 Graphics
- ◆ 2GB DDR3-1600 Memory
- ◆ 16GB SDHC card
- ◆ Powered by 24W 12V DC brick, 12V-24V input voltage supported

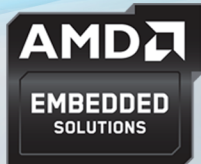
### AMD RADEON Graphics

- ◆ Supports Ultra-High resolutions
- ◆ 1x HDMI Output

### Expansion Slots

- ◆ 1x Mini-PCIe® /mSATA combo Slot
- ◆ 1x microSD card Slots

Features	Up to 4 "Jaguar" cores with 2MB shared L2 cache Single-channel DDR3 supported Dedicated, TrustZone® compatible security subsystem
Processor	AMD Embedded G-Series APU, FT3b BGA infrastructure, up to 9W Support for: AMD Embedded GX-412HC APU with AMD Radeon™ 8000 graphics
System Memory	2GB none-ECC DDR3 on board , up to DDR3-1600
I/O Controller	N/A
Storage	1x 16 GB SDHC card (micro SD)
Peripheral Components	Realtek RTL8111EP Gigabit Ethernet Controller Realtek ALC272-GR HD Audio Codec On-board Microcontroller (for DASH support)
Back Panel I/O Connectors	1x HDMI Port Output 2x USB 2.0 and 2x USB 3.0 Ports 1x RJ45 LAN stack with 2x USB 2.0 ports 1x Cellphone-style connector 1x microSD Card Slot 1x DC Jack
Internal I/O Connectors	1x 4-pin SATA Power(+5V only) 1x SATA Ports (upto 6Gbp/s) 1x Mini-PCIe® Slot 1x Reset and 2x Power switch 1x USB 2.0 Headers (1*5pins) 1x LPC headers, Option for Trusted Platform Module (TPM) management
Miscellaneous	AMD Embedded Probe Header (JTAG) SPI Boot ROM, CMOS battery backup. 1x SoC and 1x system fan connectors
Power Supply	24W 12V DC brick, 12V-24V input voltage supported
Board Formfactor	100mmx100mm



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