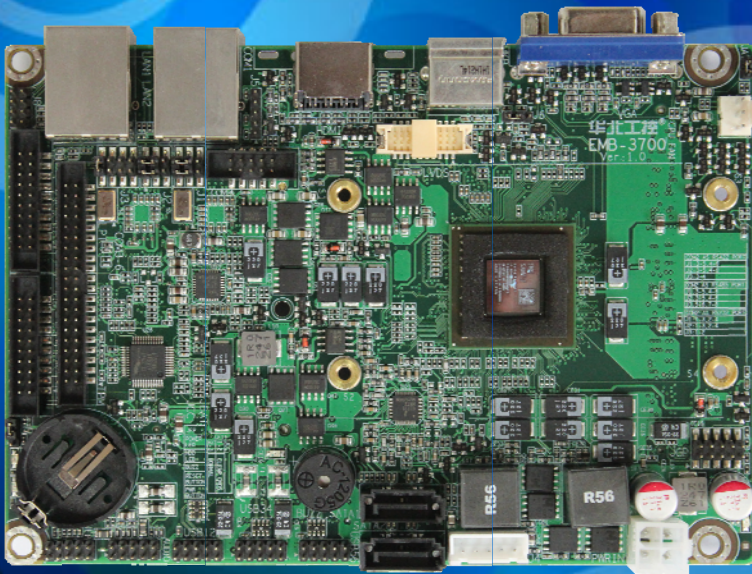


EMB-3700

AMD G-Series SOC Powered 3.5" Embedded Motherboard; 6x COM, 6x USB2.0



- AMD G-Series SOC, onboard ultra-low power processor
- Inbuilt AMD HD 8000 high performance GPU
- 1x SO-DIMM slot supports DDR3 1333/1600MHz RAM up to 4G
- 1x HDMI/1x LVDS/1x VGA video out, dual independent display supported
- 1x Mini PCIe slot supports WIFI/3G redundant network connectivity
- Provide 1x Mini PCIe, 2x SATA3, 6x USB2.0, 2x LAN, 1x LVDS, 1x HDMI, 6x COM

Product Highlight:

EMB-3700 is the first 3.5" motherboard utilizing AMD newly released G-Series System-on-Chip (SOC) platform, which is based on AMD next generation "Jaguar" CPU architecture. It integrates an embedded Radeon HD 8000 series GPU, with full support for DirectX 11.1, OpenGL 4.2x and OpenCL 1.2, offering spectacular performance given its low TDP, die size and overall footprint. The new Embedded G-Series SoCs integrate CPU, graphics and the I/O controller onto a single chip for such devices as smart TVs and digital signage, offering up to 113 percent improved CPU performance compared to the prior generation Embedded G-Series APU, and up to 125 percent advantage compared to the Intel Atom when running multiple industry-standard compute intensive benchmarks.

Except for its support of the latest AMD G-Series SOC platform, this board also features rich I/O and flexible expansions, including 1x LVDS, 1x HDMI, 1x VGA, 2x Gigabit Ethernet, 2x SATA3, 5x RS-232, 1x 232/422/485, 6x USB2.0, 1x Mini PCIe, 8bit GPIO.

Coming with all those advanced features, this AMD G-Series SOC –enabled 3.5" motherboard can be applied to various fields , including but not limited to digital signage, automobile, digital control, interactive client, kiosk, media player, advertising, LCD Large Screen, transportation, information system, education and banking.



EMB-3700

AMD G-Series SOC Powered 3.5" Embedded Motherboard, 6x COM, 6x USB2.0

Specifications:

Model No.	EMB-3700
Platform	AMD G-Series SOC
Dimension	146mm x 102mm
Processor	Onboard AMD G-Series SOC
Chipset	AMD G-Series SOC
Memory	1x SO-DIMM slot supports DDR3 1333/1600MHz RAM up to 4G
BIOS	W25Q32
LAN	Realtek RTL8111E, 10/100/1000Mbps, 2x LAN(Wake-on-LAN)
GPU	Integrated HD8000 series
Audio	ALC662 , 1x Mic-in, 1x Line-out, 1x Line-in
Display	1x VGA(DB15)
	1x HDMI
	1x single channel 18Bit LVDS
I/O	6x USB2.0(2.0mm Pin)
	6x RS-232(COM2 supports 232/422/485)
	1x Mini-PCIE
	2x SATA III , 1x PS/2
Expansions	1x Mini-PCIE (SSD/3G optional); onboard SIM card socket
Antenna	WiFi/3G SMA antenna(optional)
Watchdog	1~255 Level, trigger system reset when timer over flows
GPIO	8bit GPIO
FAN	CPU FAN
Power Supply	4Pin single supply, DC +12V