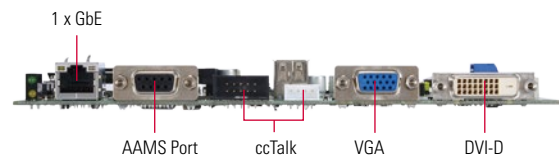


GMB125

AMD Embedded G-Series SoC
Comma 6a / AWP
Italian Gaming Board

Features

- Entry level AMD platform
- Lifetime long-term supply
- Fanless design
- Easy gaming library integration
- Advanced security



System

CPU	AMD Embedded G-Series SoC
Memory	1 x DDR3/L SO-DIMM up to 1600 MHz, max. up to 8 GB
BIOS	AMI -uEFI
Watchdog Timer	1 sec to 255 min
Expansion	1 x Smart Card
Power Input	DC +12 V or DC 12 V/5 V
Dimensions	170 mm x 200 mm
Operating Temperature	0 °C to 60 °C (32 °F to 140 °F)
Humidity	10 % to 90 %, non-condensing
Security	Anti-clone security (optional) - TPM engine - RSA2048 and AES256 hybrid encryption Integrity security - Unique key protection

I/O

USB	3 x USB 2.0
Serial Interface	1 x AAMS port 1 x RS232 3 x ccTalk (1 x JAMMA)
Audio	Stereo 6 W + 6 W audio amplified output
Storage	1 x SATA II, SATADOM supported 1 x Full-Size SD card 1 x uSD card (optional)
Ethernet	1 x GbE (optional)

Display

Graphic	AMD Radeon™ HD8000 Series DirectX® 11.1, OpenGL® 4.2, and OpenCL™ 1.2
Display interface	1 x VGA 1 x DVI-D

Gaming Function

Intrusion Detection	6 x intrusion detection (2 x internal, 4 x JAMMA) Operates with and without AC Power Logs date/time of last 50 events
Digital Input	11 x photo-coupler input
Digital Output	15 x 500 mA/30 V OC output
NVRAM	512 KB (1 MB or 2 MB optional) TrustedData, hardware bank mirroring and CRC
Software Support	Library, demo program, sample code provided

Software

OS	Windows® XP, 7 Linux kernel 3.x and above version
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Ordering Information

GMB125-210K	AMD Embedded G-Series SoC Italian gaming board with GX-210K dual-core APU, fanless Optional features: TPM, uSD, GbE
GMB125-210J	AMD Embedded G-Series SoC Italian gaming board with GX-210J dual-core APU, fanless Optional features: TPM, uSD, GbE
GMB125-217	AMD Embedded G-Series SoC Italian gaming board with GX-217 dual-core APU, with active fan Optional features: TPM, uSD, GbE

