

G930 HABANERO



**THE NEXT GENERATION
POWERFUL AND FLEXIBLE SOLUTION
BORN FOR GAMING**



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Overview

This platform is a cutting edge solution, with our highest flexibility and scalability ever, supporting up to 4x4k displays with various CPU families AMD or Intel. Designed for Slot Machine producers and made for GLI11 certification and SAS support, fully configurable to your requirements.



FEATURES

CPU/GPU	<ul style="list-style-type: none">Intel® Atom® x6000E Series, Intel® Pentium® and Celeron® N and J Series Processors for IoT ApplicationsAMD Ryzen™ Embedded R1000 with GPU AMD Radeon™ Vega 3 up to Dual Core Four Thread @ 2.6GHz (3.5 Boost) TDP 25WAMD Ryzen™ Embedded V1000 with AMD Radeon™ Vega 11 Graphics, up to Quad Core Dual Thread @ 3.35GHz (3.8 Boost) TDP 54WAMD Ryzen™ Embedded V2000 with AMD Radeon™ Graphics up to 8 CU, 8 Core, 16 Thread @ 2.9GHz (4.25 Boost) TDP 54W
Cooling	Passive cooling / Active cooling
Security	TPM 1.2 / 2.0 Custom BIOS with Boot Security Chain on socket Silicon Serial ID MAXIM INTEGRATED DS2401P (or equivalent)
Tamper Monitor	1x internal switch + 6 x external inputs *GLI-11 compliant*
System Memory	<ul style="list-style-type: none">Up to 32GB DDR4 for Intel® Atom™ x6000 series CPUUp to 32GB DDR4 for AMD R1000 series CPUUp to 32GB DDR4 for AMD V1000 series CPUUp to 64GB DDR4 for AMD V2000 series CPU
NVRAM	Up to 4MB parallel SRAM (through PCI-e) 8kB SPI FRAM
Video Output	3x DP++ connectors (4k res.) for AMD Ryzen™ R1000 and Intel® Atom™ x6000E 4x DP++ connectors (4k res.) for AMD Ryzen™ V1000 and V2000 series
Audio	Standard 2.1 audio amplified (2x15W) 5.1 non-amplified connector 3.5mm
Mass Storage	Up to 512 GB 2.5" SSD SATA3 Up to 512 GB M.2 SSD SATA3 (alternative to M.2 NVME) Up to 512 GB M.2 NVME PCIe (alternative to M.2 SATA, AMD only)
Ethernet	Up to 2 GB Ethernet port
USB	4x USB 3.0 Type A (external) + 2x USB 2.0 Type A (external) + 2x USB 2.0 (internal on pin header or external Type A)
RS232 serial port	Up to 4x RS-232 on DB9 (external) *SAS compliant* + 1x RS-232 on pin header (internal) + 1x TTL on pin header (internal)
Digital I/O	Output x 32, Input x 32
LED driver	RGB hardware driver with PWM for led strips up to 4A WS2812B LED controller
Power Connector	Mini-Fit 2x4p
Operating Voltage	12V
Operative System	Ubuntu Linux 22.04 Windows 10 IoT
Certifications	CE, FCC ready RoHs WEEE



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