

# ELIT-1210

Digital Signage Player with 3rd Generation AMD R-Series SoC (Merlin Falcon)



## Features

- Fanless and Compact Design
- Low Cost and High Reliability
- Support Triple-display for 1 x HDMI and 2 x DisplayPorts
- Support one channel 4K (UHD) Display
- 2 x USB3.0, 6 x USB2.0 supported
- One NGFF connector (2230) for Wireless
- DirectX 12 supported
- RTC Wakeup supported
- Operating Temperature: 0 ~ 55°C

## System

CPU	Onboard 3rd Generation AMD R-Series SoC RX-216GD Dual Core 1.6 GHz, 15W TDP
Memory	2 x 260-pin DDR4 SO-DIMM sockets, supporting 2133MHz SDRAM up to 16GB
Chipset	AMD Integrated SoC
Graphics	Integrated AMD Radeon R5 Series
ATA	1 x mSATA
LAN Chipset	1 x RJ-45, 10/100/1000 Base-T
Watchdog Timer	1~255 levels reset

## I/O

Serial Port	1 x RS-232 port w/ DB-9 male connector
USB Port	2 x USB 3.0 ports 6 x USB 2.0 ports(2 x front, 4 x rear)
LAN	1 x RJ-45 ports for GbE 1 x Fiber optic LAN
Video Port	1 x HDMI female connector for Digital Video output 2 x DisplayPort female connectors for Digital Video outputs
Audio	1 x Line-out, 1 x Mic-in
Expansion Bus	1 x M.2 (NGFF) E Key 22 x 30 mm (2230) for optional Wi-Fi/Bluetooth module
TPM	TPM 2.0

## Environmental

Operating Temp.	0 ~ 55°C (32 ~ 131°F), ambient w/ air flow
Storage Temp.	-10 ~ 65°C (14 ~ 149°F)
Operating Humidity	10 ~ 95% @ 55°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation
Shock	Operating 40G (11ms), Non-operating 80G with mSATA

## Qualification

Certification	CE, FCC Class A
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## Power Requirement

Power Input	DC 12V input
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Power Consumption	Max. 40W
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Power Management	RTC wakeup timer configurable
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## Storage

Type	1 x mSATA
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## Mechanical

Construction	Aluminum + SGCC
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Mounting	Wall-mount & VESA-mount
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Weight	TBD
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Dimensions (W x H x D)	193 x 51 x 151 mm (7.60" x 2.01" x 5.95")
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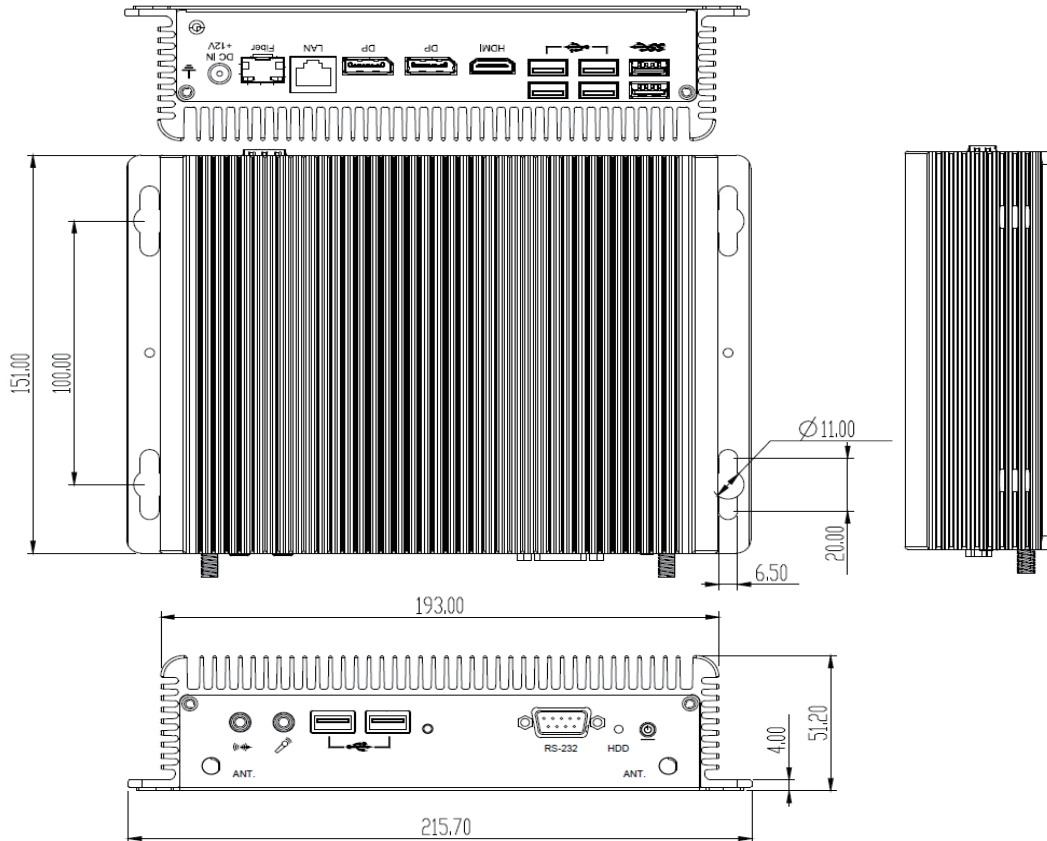
## OS Support

Windows10 IoT	
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## Ordering Information

ELIT-1210	Digital Signage Player by AMD RX-216GD SoC, w/o Memory and Storage
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# Dimensions



## Optional Accessories

PAC-P060W-01 12V/5A 60W AC/DC adapter kit



VMK-1000 VESA mount kit for ELIT series



## Optional Configuration (CTOS\* Kit)

32GB SSD mSATA MLC 32GB



64GB SSD mSATA MLC 64GB



MM-4C-4G DDR4-2133 4GB SDRAM

MM-8C-4G DDR4-2133 8GB SDRAM

WiFi-AM1550 1 x AMPAK, AP6356SDPB M.2 WiFi module w/ 2\*30cm internal wiring



ANT-D11 1 x Wi-Fi dual-band 2.4G/5G antenna



\*CTOS means Configure-to-Order Service.