

ELIT-1850

Fanless Signage Player with 5th Gen. Intel® Core™ i7/i3 Processor



Features

- Intel® Core™ i7-5650U/i3-5010U Processor
- Support Triple-display for 1 x DVI-D, 1 x DisplayPort, 1 x HDMI
- Support one channel 4K (UHD) Display
- Support 2 x COM, 4 x USB3.0, 2 x USB2.0
- Support DirectX 11.1
- Support iAMT Function
- One NGFF connector for Wireless
- RTC Wakeup supported
- Operating Temperature: -20 ~ 60°C

System

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|----------------|--|
| CPU | Soldered onboard Intel® Core™ i7-5650U , 2.2GHz 4M L2 Cache, up to 3.1GHz, 15W TDP Soldered onboard Intel® Core™ i3-5010U , 2.1GHz 3M L2 Cache, 15W TDP |
| Memory | 1 x 204-pin DDR3L SO-DIMM socket, supporting 1333/1600MHz SDRAM up to 8GB |
| Chipset | 5 th Generation Intel® Core™ ULT SoC |
| Graphics | Integrated Intel® HD Graphics 6000 |
| ATA | 1 x Serial ATA port with 600MB/s HDD transfer rate |
| LAN Chipset | 1 x Intel® i218LM GbE PHY (w/ iAMT10.0 supported) 1 x Intel® i210AT GbE controller |
| Watchdog Timer | 1~255 levels reset |

I/O

| | |
|---------------|--|
| Serial Port | 2 x RS-232/485 ports |
| USB Port | 4 x USB 3.0 ports 2 x USB 2.0 ports |
| LAN | 2 x RJ-45 ports for GbE |
| Video Port | 1 x DVI-D 1 x DisplayPort, up to 4K (UHD) 1 x HDMI, up to 4K (UHD) |
| Audio | Realtek ALC662 HDA codec, Mic-in/Line-out |
| Expansion Bus | 1 x M.2 (NGFF) E Key 22 x 30 mm (2230) |

Environmental

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|--------------------|--|
| Operating Temp. | -20 ~ 60°C (-4 ~ 140°F), ambient w/ air flow |
| Storage Temp. | -30 ~ 70°C (-22 ~ 158°F) |
| Operating Humidity | 10 ~ 95% @ 60°C (non-condensing) |
| Vibration | 3 Grms/5~500Hz/random operation |
| Shock | Operating 40G (11ms), non-operating 80G with SSD |

Qualification

| | |
|---------------|-----------------|
| Certification | CE, FCC Class A |
|---------------|-----------------|

Power Requirement

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|-------------------|-------------------------------|
| Power Input | DC 12~24V input |
| Power Consumption | Max. 30W (w/o I/O card) |
| Power Management | RTC wakeup timer configurable |

Storage

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|------|----------------------------|
| Type | 1 x 2.5" drive bay for SSD |
|------|----------------------------|

Mechanical

| | |
|------------------------|---|
| Construction | Aluminum alloy |
| Mounting | Wall-mount & VESA-mount |
| Weight | 1.6 kg (3.52 lb) |
| Dimensions (W x H x D) | 193 x 170 x 50 mm (7.60" x 6.69" x 1.96") |

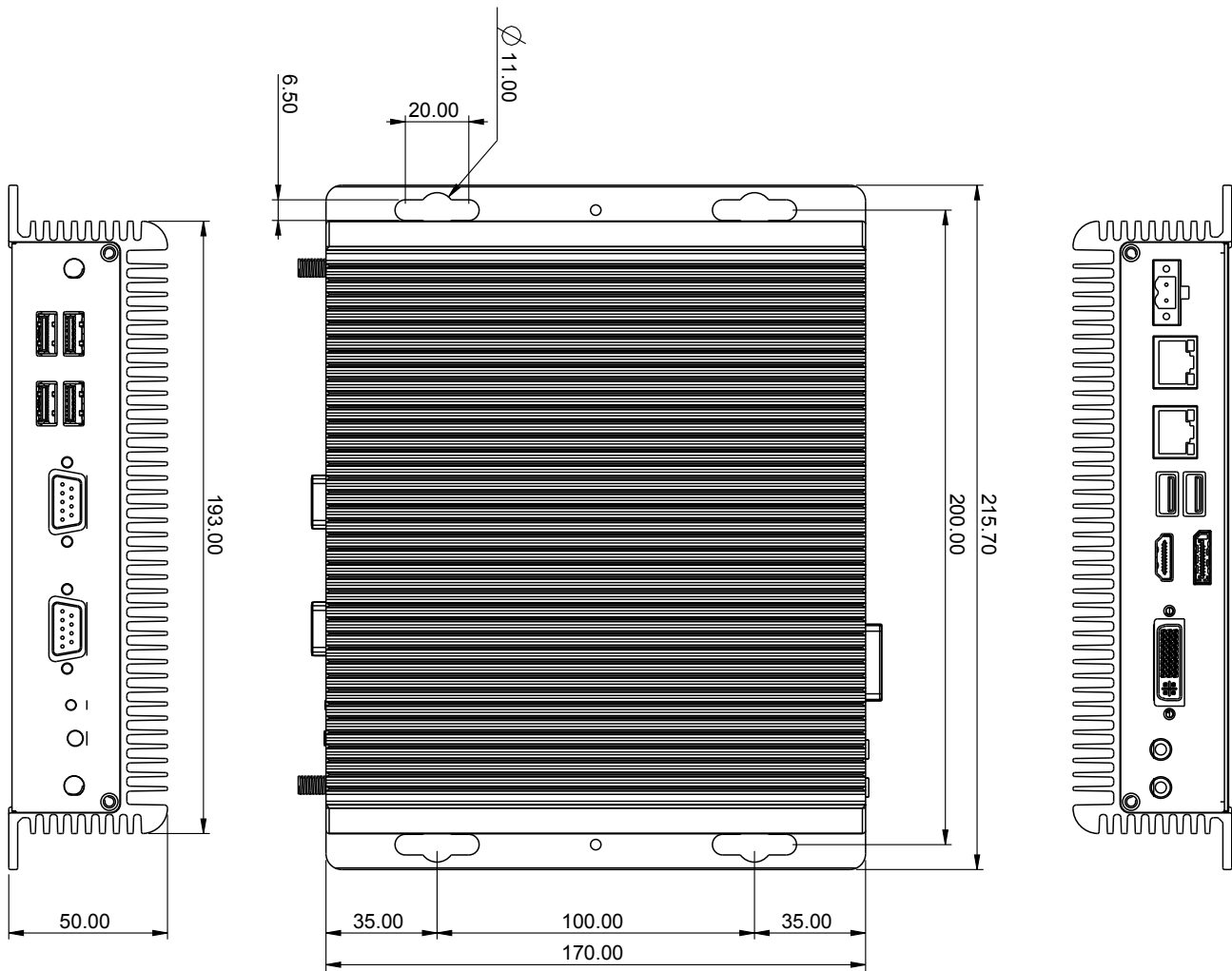
OS Support

Windows 7 / Windows 8.1 / Windows 10 / Linux (Kernel: 3.1X)

Ordering Information

| | |
|----------------------|---|
| ELIT-1850-5650U | Digital Signage Player with Intel® Core™ i7-5650U, w/o memory and storage |
| ELIT-1850-5350U(BTO) | Digital Signage Player with Intel® Core™ i5-5350U, w/o memory and storage |
| ELIT-1850-5010U | Digital Signage Player with Intel® Core™ i3-5010U, w/o memory and storage |

Dimensions



Optional Accessories

PAC-60W6A-FSP-ES 60W AC/DC 12V adapter kit with 2-pin/ 3-pin/ 4-pin blocks



VMK-1000 VESA mount kit for ELIT 1000/1250/1850 series



Optional Configuration (CTOS* Kit)

64/128/256GB SSD 2.5" SSD MLC 64/128/256GB



MM-3IL-8G Industrial DDR3L-1600 8GB SDRAM



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



SCDB-1289E M.2 to 2 x Mini PCIe daughter board



HSUPA-1450 HSUPA 3.75G module kit w/ 25cm internal wiring



ANT-H11 1 x 2dBi HSUPA Antenna Kit



WiFi-AT3550 1 x Atheros QCNFA346A M.2 WiFi module w/ 2x30cm internal wiring



*CTOS means Configure-to-Order Service.