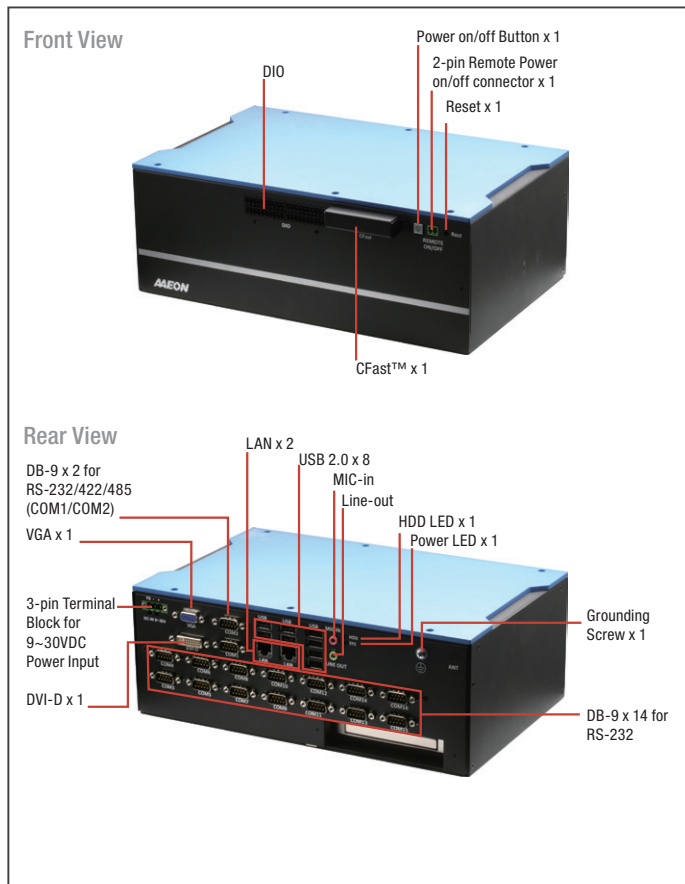


## Fanless Embedded Computer with Intel® Celeron® Processor J1900, 16 COM Ports



## Features

- Designed for Ticketing/ Gateway/ Turnstile Control Automation
- Onboard DDR3L DRAM 2 GB
- Gigabit Ethernet x 2, USB x 6, COM x 16
- Multiple COM
- Non-isolation Programmable 30-ch DIO (Optional)
- Flexible Expansion: PCIe x 1 or PCI x 1



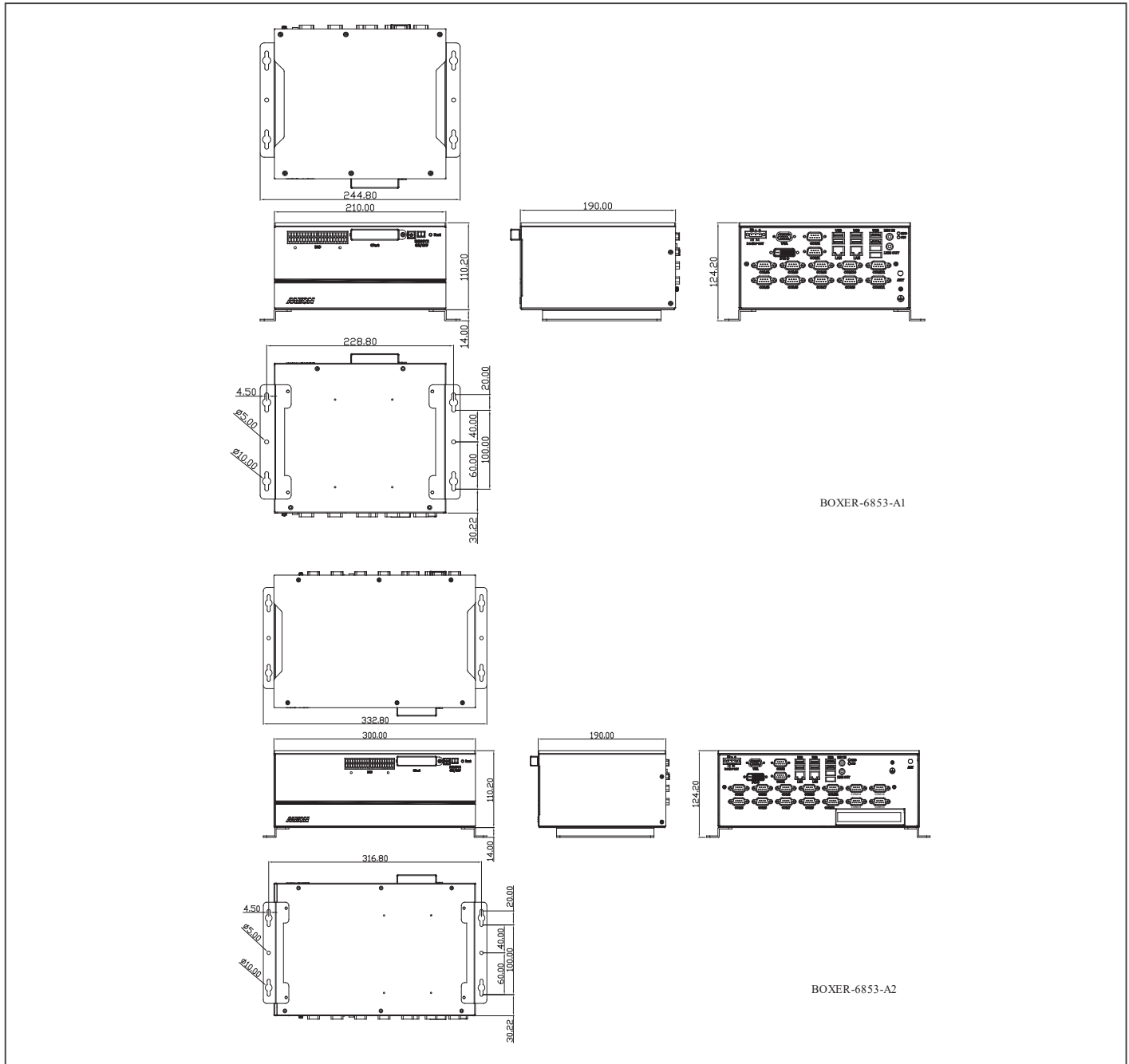
Power Supply	
Power Requirement	9 - 30V with 3-pin terminal block
Mechanical	
Mounting	Wallmount
Dimensions (W x H x D)	A1: 8.27" x 7.48" x 4.88" (210mm x 190mm x 124mm) A2: 11.81" x 7.48" x 4.33" (300mm x 190mm x 110mm)
Gross Weight	9.7 lb (4.4 kg)
Net Weight	6.17 lb (2.8 kg)
Environmental	
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C) with wide temperature CFast™ card (according to IEC68-2-14 with 0.5 m/s AirFlow; with industrial devices)
Storage Temperature	-49°F ~ 176°F (-45°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Anti-Vibration	3 Grms/ 5 ~ 500Hz/ operation – mSATA/SSD/CFast 1 Grms/ 5 ~ 500Hz/ operation – HDD
Certification	CE/FCC class A

## Specifications

System	
CPU	Intel® Celeron® J1900 2.0 GHz Processor
Chipset	Intel® System on Chip
System Memory	Onboard 2GB DDR3L DRAM DDR3L 1333 SODIMM slot x 1, up to 8 GB
Display Interface	DVI-D x 1, VGA x 1
Storage Device	2.5" drive bay x 1 CFast™ x 1 mSATA x 1 (optional)
Ethernet	RJ-45 x 2 for GbE (Intel® i211AT x2)
I/O	DVI-D x 1 (dual display with VGA (on-board) VGA x 1 (dual display with DVI-D) (on-board) RJ-45 x 2 for 10/100/1000 Base-TX USB Type A x 7 for USB 2.0 USB Type A x 1 for USB 3.0 Line-in x 1 MIC-in x 1 3-pin terminal block for 9~30Vdc power input Grounding screw x 1 Power LED x 1 HDD LED x 1 Power on/off Button x 1 Reset Button x 1 2-pin Remote Power on/off connector x 1  A1: DB-9 x 2 for RS-232/422/485 (COM1/COM2) DB-9 x 10 for RS-232  A2: DB-9 x 2 for RS-232/422/485 (COM1/COM2) DB-9 x 14 for RS-232
Expansion	Full-size Minicard x 2 A1: PCI-E [x1] x 1, A2: PCI x 1
Indicator	Power LED x 1 HDD active LED x 1
OS support	Windows® 10, Windows® 8.1 (32/64-bit), Windows® 7(32/64-bit), WES7/ WES8, Linux Ubuntu 14.04/ Kernel 3.13.0

## Dimension

Unit: mm



BOXER-6853-A1

BOXER-6853-A2

## Ordering Information

Part Number	CPU	PCH	RAM	LAN	USB 3.0	USB 2.0	RS-232	RS-232/422/485	Digital I/O	Audio	Storage	Display	Expansion	Mounting	Power	Operation temp.
BOXER-6853-A1-1010	J1900	SoC	Onboard 2GB DDR3L	2	1	7	10	2	—	MIC-in, Line-out	2.5" SATA Drive bay x 2 CFast x 1	VGA x 1 DVI-D x 1	Full-size Minicard x 2 PCIe [x8] x 1	Wallmount	9-30V	-4°F ~ 122°F (-20°C ~ 50°C)
BOXER-6853-A2-1010	J1900	SoC	—	2	1	7	14	2	—	MIC-in, Line-out	2.5" SATA Drive bay x 2 CFast x 1	VGA x 1 DVI-D x 1	Full-size Minicard x 2 PCI x 1	Wallmount	9-30V	-4°F ~ 122°F (-20°C ~ 50°C)