

eI VP1300

Intel® Atom™ E3845 / E3825 Mobile NVR
supporting 4-Channel IP Cameras



Features

- In-vehicle network video recorder platform
- Intel® Atom™ E3845 / E3825 processor
- Intel Movidius AI core module (optional)
- Onboard DDR3L memory up to 4GB
- Intel® Integrated Graphics Engine supports 2 display outputs by HDMI x 1, VGA x 1
- Intel® I211 (or 210) Ethernet x 2 ports (GbE x 2)
- Supports 4-channel IP cameras
- Supports removable SSD storage (optional)
- Supports 8-bit digital I/O (optional), USB2.0 x 3, USB3.0 x 1
- Supports RS-232 x2
- Supports CAN Bus 2.0B (optional)
- Wide DC range DC 9-24V
- CE, FCC, RoHS certified

Specifications

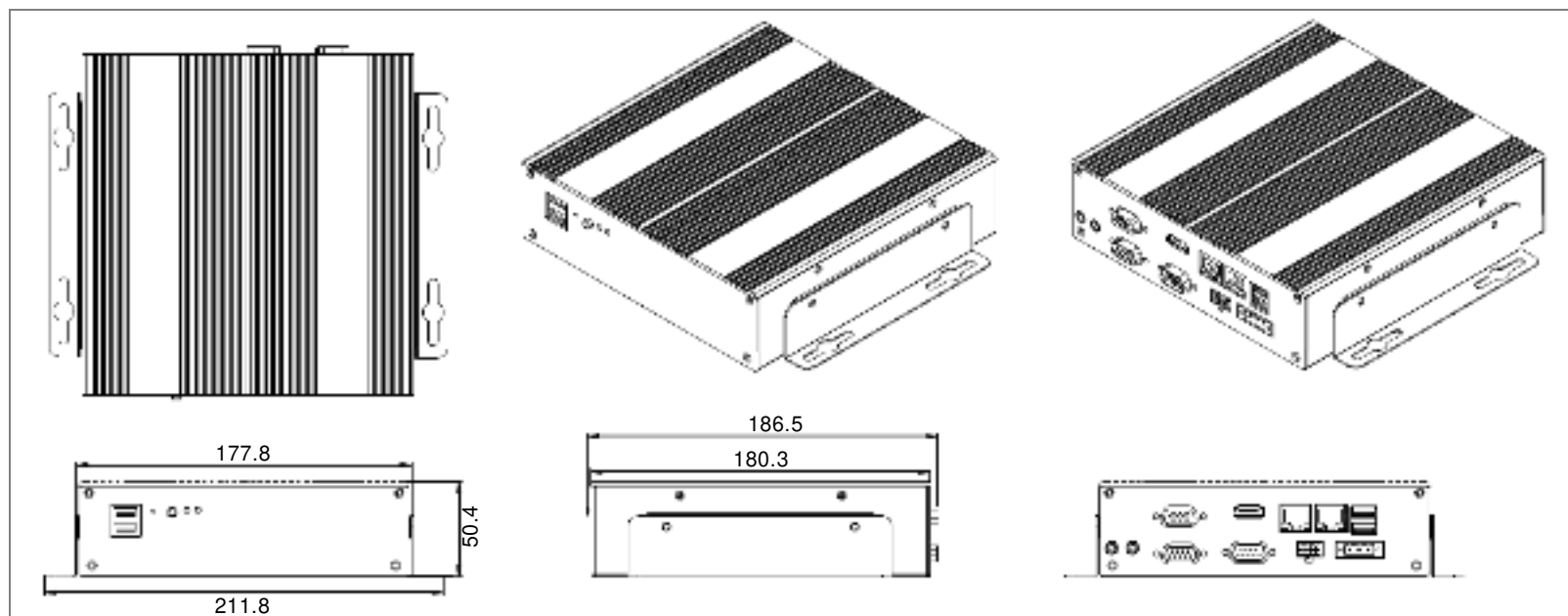
Model No.		eI VP1300
System	Processor	Intel® Atom™ E3845 / E3825 Processor (Default: E3845)
	Main Memory	Onboard DDR3L 1066 / 1333 / 1600 (Default: 1600MHz 4GB)
Video	Format	H.265 / H.264
	Video Input	IP camera x 4
	Video Output	HDMI x 1, VGA x 1
Audio	Audio Input	Mic-in x 1
	Audio Output	Line-out x 1
Recording	Format	H.265 / H.264
	Resolution	1920 x 1080 at 30fps (NTSC) / 25fps (PAL)
Storage	Internal mSATA	mSATA (half size) x 1 (optional)
	Removable SSD	2.5" SSD x 1 (optional)
	RAID	N/A
Network	Ethernet	Intel® I211 (or 210) 10/100/1000 based; GbE port x 2
	Wi-Fi	Optional
	3G / 4G	Optional
	GPS / G-Sensor	Optional
Alarm	Digital I/O	Supports 8-bit digital I/O (optional)
Interface	Front I/O Panel	Power button x 1 Reset button x 1 USB2.0 x 2

	Rear I/O Panel	Remote power x 1 3G/4G/WIFI LED x 3 USB3.0 x 1 USB2.0 x 1 GbE port (RJ-45) x 2 VGA x 1 HDMI x 1 RS-232 x 2 Audio line-out x 1 Mic-in x 1
	Expansion Slot	Mini-Card slot x 1 (full-size)
General	Power Supply	DC 9-24V, with ignition pin
	Dimensions (W x D X H)	7" x 7.34" x 2" / 177.8mm x 186.5mm x 50.4mm (without bracket)
	Gross Weight	5.7lb (2.6kg)
	Operating Temperature	-32°F ~ 140°F (0°C ~ 60°C); Project base: -40°C ~ 85°C
	Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
	Storage Humidity	0% ~ 90% @40°C, non-condensing
	Vibration/Shock	MIL-STD-810G
	Certification	CE & FCC Class A, RoHS

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Display	Storage	LAN	USB	RS232/ 485	Power
2EI VP131AP0001R	Atom E3845	Onboard DDR3L (4GB)	HDMI x 1, VGA x 1	optional	GbE x 2	USB3.0 x 1 USB2.0 x 3	RS232 x 2	9~ 24VDC
TBD	Atom E3825	Onboard DDR3L (4GB)	HDMI x 1, VGA x 1	optional	GbE x 2	USB3.0 x 1 USB2.0 x 3	RS232 x 2	9~ 24VDC