

AES625-842

Industrial Fanless Systems Series



AES625-842

PRODUCT HIGHLIGHTS

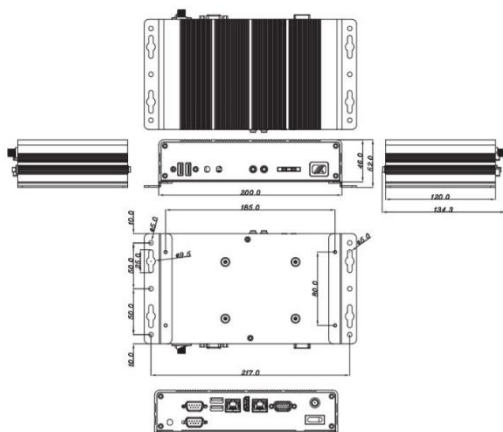
- ▶ Intel® Celeron® processor J1900 2.0 GHz
- ▶ 1 DDR3L-1066/1333 SO-DIMM for up to 8GB of memory
- ▶ Fanless operation design with full feature I/O
- ▶ 2 RS-232/422/485 and 4 USB 2.0 ports
- ▶ One 2.5" 9.5 mm SATA drive bay and mSATA supported
- ▶ 2 PCI Express Mini Card slots and 1 SIM slot
- ▶ VGA and HDMI with dual-view supported
- ▶ -20°C to +55°C wide operating temperature range



TECHNICAL INFORMATION

PROCESSOR	Intel® Celeron® processor J1900 2.0 GHz
CHIPSET	SoC integrated
SYSTEM MEMORY	1 x 204-pin SO-DIMM DDR3L-1066/1333, up to 8GB
BIOS	AMI
COM	2 x RS-232/422/485
USB	4 x USB 2.0
ETHERNET/POE	2 x 10/100/1000 Mbps (Intel® i211-AT)
DISPLAY	1 x VGA, 1 x HDMI
DIGITAL I/O	8-channel programmable digital I/O
AUDIO	Mic-in/Line-out
STORAGE	1 x 2.5" SATA HDD drive bay (max. up 9.5 mm height), 1 x mSATA
EXPANSION	1 x Full-size PCI Express Mini Card (USB + PCI Express signal), 1 x Half-size PCI Express Mini Card (USB + PCI Express signal), 1 x SIM slot
OTHERS	3 x SMA-type antenna connector, TPM 1.2
POWER SUPPLY	Input: AC 90-264V, AC 36W adapter with lock Output: DC 12V @ 3A
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Aluminium extrusion and heavy-duty steel, IP40
OPERATING TEMPERATURE	-20°C to +55°C (with J1900, W.T. SSD/CAPA842)
RELATIVE HUMIDITY	10% to 90%, non-condensing
VIBRATION	3 Grms with SSD (5 to 500 Hz, X, Y, Z directions)
SHOCK	N/A
DIMENSIONS (W X D X H)	200 x 120 x 46 mm (7.87" x 4.72" x 1.81")
WEIGHT (NET/GROSS)	1.1kg (2.43lb)/ 1.8kg (3.97lb)
CERTIFICATIONS	CE
OS SUPPORT	WES 8, WES 7
MOUNTING	Wall mount, DIN-rail, VESA mount
PART NUMBERS	AES626-842: Fanless embedded system with Intel® Celeron® J1900 2.0 GHz
OPTIONS	Wall mount kit, VESA arm kit, DIN-rail kit, Wi-Fi module, Power cord

MECHANICAL DRAWING



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