

AES510-6COM

Industrial DIN-Rail Fanless Systems Series



AES510-6COM

PRODUCT HIGHLIGHTS

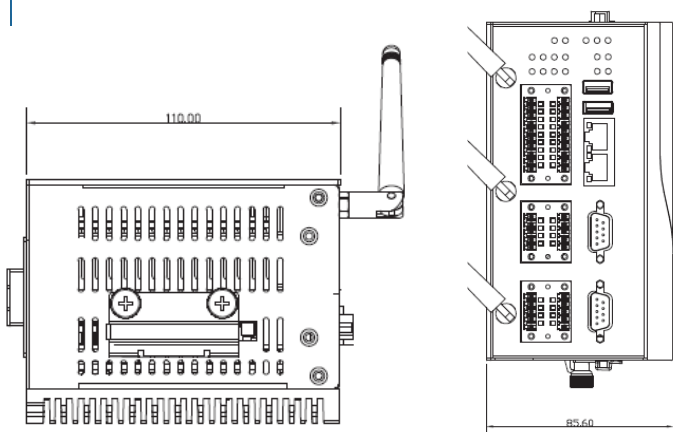
- ▶ Supports Intel® Atom® E3827 processor
- ▶ Fanless and cable less design
- ▶ Wide operating temperature range from -40°C to +70°C
- ▶ 12 to 48 VDC wide range power input
- ▶ OVP, UVP, OCP, RPP power protection design
- ▶ One 2.5" SATA SSD/HDD (or mSATA) and one CompactFlash
- ▶ 4 isolated RS-232/422/485 ports & 2 RS-232/422/485 ports



TECHNICAL INFORMATION

PROCESSOR	Intel® Atom™ processor E3827 2C@1.75 GHz, TDP: 8W
CHIPSET	SoC integrated
SYSTEM MEMORY	DDR3L 4GB on board
COM	2 x RS-232/422/485 & 4 x isolated RS-232/422/485
USB	1 x USB 3.0, 1 x USB 2.0
ETHERNET	2 x isolated 10/100/1000 Mbps
POE	N/A
CANBUS	N/A
DIGITAL I/O	1 x Isolated DIO (8-in/8-out)
ANALOG INPUT	N/A
DISPLAY	1 x VGA
EXPANSION	3 x Full size PCI Express Mini Card slot, 2 x SIM card socket, 3 x Antenna
STORAGE	1 x 2.5" SATA SSD/HDD (default) / 1 x CompactFlash 1 x mSATA (occupies 1 x PCIe Mini Card slot, mSATA/wireless module either one)
OTHERS	Battery on board & gold capacity on board
POWER SUPPLY	Power Input Range: 12-48 VDC / Power Input Rating: 12-48 VDC, 1.36-0.45A Power Protection: DC version, OVP, UVP, Reserve Protection
WATCHDOG TIMER	WDT 1: one step is 1 sec, 255 levels / WDT 2: one step is 1 sec/ 1 min, 255 levels
CONSTRUCTION	Extruded aluminium and heavy-duty steel, IP30
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
RELATIVE HUMIDITY	10% to 95%, non-condensing
VIBRATION	5G @ 10-150Hz, amplitude 0.35ms
DIMENSIONS (W X D X H)	100.6 x 110 x 135 mm (3.96" x 4.33" x 5.31")
WEIGHT (NET/GROSS)	1.5 kg (3.3 lb)/1.88 kg (4.14 lb)
CERTIFICATIONS	Heavy Industrial CE / FCC Part 18 / EN50121-4 (Railway application) / UL60950-1
OS SUPPORT	Windows 7 Embedded, Windows 8 Embedded, Linux support package
MOUNTING	DIN-rail / Wall Mounting
OPTIONS	Wall mount kit, Wireless (3G/GPRS or Wi-Fi) module

Dimensions



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