

AES100-51R-7300U / 3965U

Industrial Fanless Systems Series



AES100-51R-7300U / 3965U

PRODUCT HIGHLIGHTS

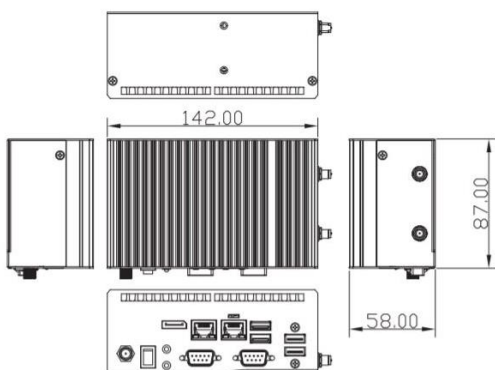
- ▶ Ultra compact size with high performance
- ▶ Intel® Core™ i5-7300U or Celeron® 3965U
- ▶ M.2 Key E 2230 for Wi-Fi
- ▶ M.2 Key B 2242 for storage
- ▶ Azure certified
- ▶ Supports Intel® AMT 11
- ▶ Multiple mounting designs: Wall mount, DIN-rail and VESA mount



TECHNICAL INFORMATION

PROCESSOR	Intel® Core™ i5-7300U 2.6 GHz, Intel® Celeron® 3965U 2.2 GHz
CHIPSET	SoC integrated
SYSTEM MEMORY	1 x 260-pin SO-DIMM DDR4-2133, up to 16GB
BIOS	AMI
COM	2 x RS-232/422/485
USB	2 x USB 3.0, 2 x USB 2.0
ETHERNET/POE	2 x 10/100/1000 Mbps Ethernet (Intel® i219-LM, Intel® i211-AT)
DISPLAY	1 x DisplayPort ++
DIGITAL I/O	N/A
AUDIO	N/A
STORAGE	1 x M.2 Key B 2242 (for SATA storage)
EXPANSION	1 x M.2 Key E 2230 (for Wi-Fi)
OTHERS	1 x ATX power switch, 1 x AT/ATX quick switch, 1 x Screw type VDC power input connector, 2 x Antenna opening
POWER SUPPLY	12 VDC
WATCHDOG TIMER	65535 levels, 1 to 65536 sec.
CONSTRUCTION	Aluminium extrusion and heavy-duty steel, IP40
OPERATING TEMPERATURE	-10°C to +50°C (+14°F to +122°F) (with W.T. DRAM/SSD)
RELATIVE HUMIDITY	10% to 90%, non-condensing
VIBRATION	IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, 1 hr/axis)
SHOCK	IEC 60068-2-27 (with SSD: 50G, half sine, 11 ms duration)
DIMENSIONS (W X D X H)	142 x 87 x 58 mm (5.59" x 3.42" x 2.28")
WEIGHT (NET/GROSS)	0.6 kg (1.32 lb)/1.5 kg (3.3 lb)
CERTIFICATIONS	CE, FCC Class A
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	Wall mount, DIN-rail, VESA mount
PART NUMBERS	AES100-51R-DC-7300U: Fanless ultra-compact embedded system with Intel® Core™ i5-7300U AES100-51R-DC-3965U: Fanless ultra-compact embedded system with Intel® Celeron® 3965U
OPTIONS	Wall mount kit, VESA arm kit, DIN-rail kit, M.2 Wi-Fi module, 12V/60W power adapter

MECHANICAL DRAWING



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