



AES700-891-PCIE / PCI

PRODUCT HIGHLIGHTS

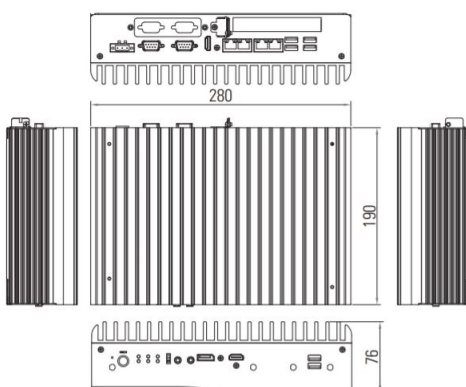
- ▶ Wide operating temperature range from -40°C to +50°C
- ▶ 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processors
- ▶ PCIe x 4 or PCI slot supported
- ▶ Supports 6 USB ports and 4 GbE LAN
- ▶ 2 PCI Express Mini Card slots for WLAN/WWAN/mSATA modules
- ▶ 1 internal USB Type A connector for Dongle kit



TECHNICAL INFORMATION

PROCESSOR	LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 35 W)
CHIPSET	Intel® H110
SYSTEM MEMORY	6th gen: 2 x 260-pin SO-DIMM DDR4-1866/2133, up to 32GB, 7th gen: 2 x 260-pin SO-DIMM DDR4-2133/2400, up to 32GB
BIOS	AMI
COM	2 x RS-232/422/485
USB	4 x USB 3.0, 2 x USB 2.0
ETHERNET/POE	4 x 10/100/1000 Mbps (Intel® i210-IT, i219-LM)
DISPLAY	2 x HDMI (1 x HDMI 2.0 & 1 x HDMI 1.4b), 1 x DisplayPort
DIGITAL I/O	N/A
AUDIO	1 x Audio (Mic-in/Line-out)
STORAGE	1 x 2.5" SATA HDD drive bay (max. up 15 mm height), 1 x mSATA (enabled in BIOS setting)
EXPANSION	2 x Full-size PCI Express Mini Card slot (USB + PCI Express signal), 1 x SIM slot 1 x PCIe x4 slot or 1 x PCI slot, 1 x Internal USB Type A for license dongle kit usage
OTHERS	4 x SMA type connector opening for antenna, 1 x Phoenix type VDC power input connector, 1 x ATX power switch, 1 x Remote power switch, 1 x ATX/AT quick switch, 1 x Reset button, 1 x Flexible I/O window (default: 2 x DB9 half cut bracket)
POWER SUPPLY	9 to 36 VDC
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Aluminium extrusion and heavy-duty steel, IP40
OPERATING TEMPERATURE	-40°C to +50°C (-40°F to +122° F) (with W.T. SSD/DRAM)
RELATIVE HUMIDITY	10% to 90%, non-condensing
VIBRATION	3 Grms with SSD (5 to 500Hz, X, Y, Z directions)
DIMENSIONS (W X D X H)	280 x 190 x 76 mm (11.02" x 7.48" x 2.99")
WEIGHT (NET/GROSS)	3.8 kg (8.37 lb)/4.6 kg (10.14 lb)
CERTIFICATIONS	CE, FCC Class A
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	Wall mount, DIN-rail
PART NUMBERS	AES700-891-PCIE: Fanless embedded system with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor AES700-891-PCI: Fanless embedded system with LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor
OPTIONS	3G/LTE module, Wall mount kit, DIN-rail kit, 24V 120W power adapter, CANbus PCI Express Mini module, LAN PCI Express Mini module, COM PCI Express Mini module, DIO PCI Express Mini module

MECHANICAL DRAWING



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