

AES560-512-3965U / 7100U / 7300U

Industrial Fanless Systems Series



AES560-512-3965U / 7100U / 7300U

PRODUCT HIGHLIGHTS

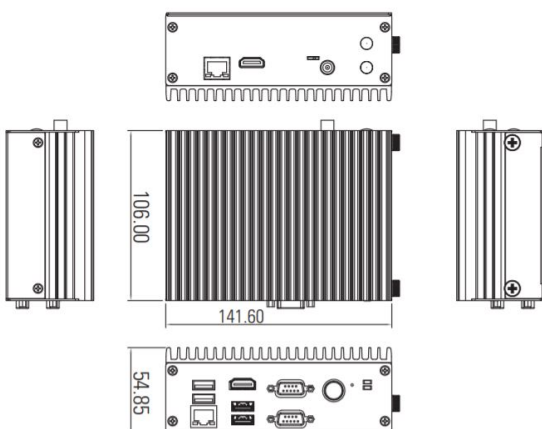
- ▶ Intel® Core™ i5-7300U 2.6 GHz, i3-7100U 2.4 GHz & Celeron® 3965U 2.2 GHz
- ▶ Supports 2 COM, 2 GbE LAN and 4 USB 3.0
- ▶ One swappable 2.5" HDD drive bay
- ▶ 2 HDMI with dual-view supported
- ▶ Ultra-compact enclosure design
- ▶ Trusted Platform Module 1.2 (TPM 1.2)



TECHNICAL INFORMATION

PROCESSOR	Intel® Core™ i5-7300U 2.6 GHz, i3-7100U 2.4 GHz & 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	4 x USB 3.0
ETHERNET/POE	2 x 10/100/1000 Mbps Ethernet (Intel® i210-AT, i219-LM)
DISPLAY	2 x HDMI
DIGITAL I/O	N/A
AUDIO	N/A
STORAGE	1 x 2.5" SATA HDD drive bay (max. up 9.5 mm height), 1 x mSATA (enabled in BIOS setting)
EXPANSION	1 x Full-size PCI Express Mini Card slot (USB + PCIe signal)
OTHERS	2 x SMA type connector opening for antenna, 1 x AT/ATX quick switch, 1 x ATX power switch, 1 x Reset button
POWER SUPPLY	12 VDC
WATCHDOG TIMER	255 levels, 1 to 255 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	3 Grms with SSD (5 to 500Hz, X, Y, Z directions)
DIMENSIONS (W X D X H)	141.6 x 106 x 54.85 mm (5.57" x 4.17" x 2.15")
WEIGHT (NET/GROSS)	0.8 kg (1.76 lb)/1.67 kg (3.68 lb)
CERTIFICATIONS	CE, FCC Class A
OS SUPPORT	Win 10 IoT, Linux
MOUNTING	Wall mount, DIN-rail, VESA mount
PART NUMBERS	AES560-512-3965U: Fanless embedded system with Intel® Celeron® 3965U AES560-512-7100U: Fanless embedded system with Intel® Core™ i3-7100U AES560-512-7300U: Fanless embedded system with Intel® Core™ i5-7300U
OPTIONS	Wall mount kit, VESA arm kit, DIN-rail kit, Wi-Fi module, 12V 60W power adapter

MECHANICAL DRAWING



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