

AES620-841-3845

Industrial Fanless Systems Series



AES620-841-3845

PRODUCT HIGHLIGHTS

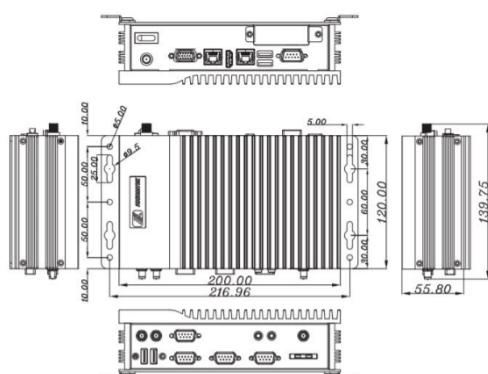
- ▶ Intel® Atom™ E3845 1.91 GHz quad-core SoC
- ▶ 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
- ▶ Fanless operation design with full feature I/O
- ▶ 2 RS-232/422/485 and 2 RS-232 ports
- ▶ One 2.5" SATA drive bay, 1 CFast™ slot and mSATA
- ▶ Supports 8 channel programmable DI/DO and 2 PCI Express Mini Card slots
- ▶ Supports VGA and HDMI dual display



TECHNICAL INFORMATION

PROCESSOR	Intel® Atom™ processor E3845 1.91GHz
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, 2 x RS-232
USB	4 x USB 2.0
ETHERNET/POE	2 x 10/100/1000 Mbps (Intel® i210IT)
DISPLAY	1 x VGA, 1 x HDMI
DIGITAL I/O	8 channel programmable DI/DO
AUDIO	Mic-in/Line-out
STORAGE	1 x 2.5" SATA HDD, 1 x CFast™, 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
POWER SUPPLY	Input AC 90-264V, AC 60W adapter with lock, Output: DC 12V @ 5A
WATCHDOG TIMER	255 levels, 1 to 255 sec.
CONSTRUCTION	Aluminium extrusion and heavy-duty steel, IP40
OPERATING TEMPERATURE	-40°C~+60°C (-40°F~+140°F)
RELATIVE HUMIDITY	10% to 90%, non-condensing
VIBRATION	3 Grms with CFast™ drive (5-500Hz, X, Y, Z directions)
SHOCK	N/A
DIMENSIONS (W X D X H)	200 x 120 x 56 mm (7.87" x 4.72" x 2.2")
WEIGHT (NET/GROSS)	2 kg (4.41 lb)/ 2.7 kg (5.95 lb)
CERTIFICATIONS	CE
OS SUPPORT	WES 8, WES 7
MOUNTING	Wall mount, DIN-rail, VESA mount
PART NUMBERS	AES620-841-3845: Fanless embedded system with Intel® Atom® E3845 1.91 GHz
OPTIONS	Wall mount kit, VESA arm kit, DIN-rail kit, Wi-Fi module, 12V/60W Adapter, Power cord

MECHANICAL DRAWING



Company Address

Kontron UK Limited
Units 3, 4, 5, 9 & 10 New Bury Park
Marsh Lane, Easthampnett, UK
TEL: +44 (0) 1243 380780
uksales@kontron.com
www.industrial-computers.com