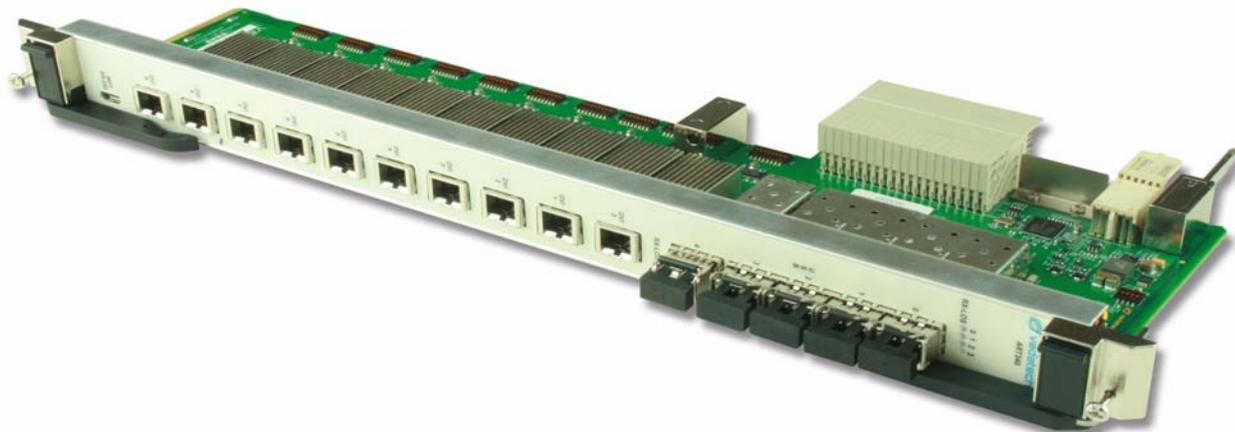


ART340



KEY FEATURES

- AdvancedTCA Rear Transition standard form factor
- PICMG 3.1 compliant
- Ten Fiber Video interface (no compression is done during the conversion)
- Five USB 2.0 fiber
- OS support for:
 - OS independent

The ART340 provides Ten Video outputs via single strand of fiber SC style per each of the Video channels that are coming from the zone three. The ART340 module converts and transmits an uncompress DVI video signal over 300 Meter cable.

The module has USB 2.0 Fiber interface. The ART340 USB fiber media converter extends the range of the USB beyond the standard USB 5 meter limit to over 300 Meter.

The IPMI management is utilizing VadaTech's second generation IPMI management controller.

AdvancedTCA®

Ten Fiber Video with Five Fiber USB 2.0

SPECIFICATIONS

Architecture		
Physical	Dimensions	Width: 12.687in. (322.25 mm)
		Depth: 3.701 in. (94.00 mm)
Type	ATCA Graphic	Quad HDMI/DVI with USB 2.0
Standards		
PICMG	ATCA	PICMG 3.0 R2.0
Module Management	IPMI	IPMI Version 2.0
Configuration		
Power	ART340	20W
Environmental	Temperature	Operating Temperature: 0° to 65° C (Air flow requirement is to be greater than 100 LFM)
		Storage Temperature: -40° to +90° C
	Vibration	1G, 5-500Hz each axis
	Shock	30Gs each axis
Front Panel	Interface Connectors	Ten Video single strand SC style
		Five SFP for the USB Fiber
		Micro USB for RS-232 Port
	LEDs	IPMI Management Control
Mechanical	Hot Swap Ejector Handle	
Software Support	Operating Systems	Independent
Other		
MTBF	MIL Handbook 217-F > TBD Hrs.	
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
Compliance	RoHS and NEBS	
Warranty	Two (2) years.	
Trademarks and Logos	The VadaTech logo is a registered trademark of VadaTech, Inc. Other registered trademarks are the property of their respective owners. AdvancedMC™ and the AdvancedTCA™ logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice.	

Ten Fiber Video with Five Fiber USB 2.0

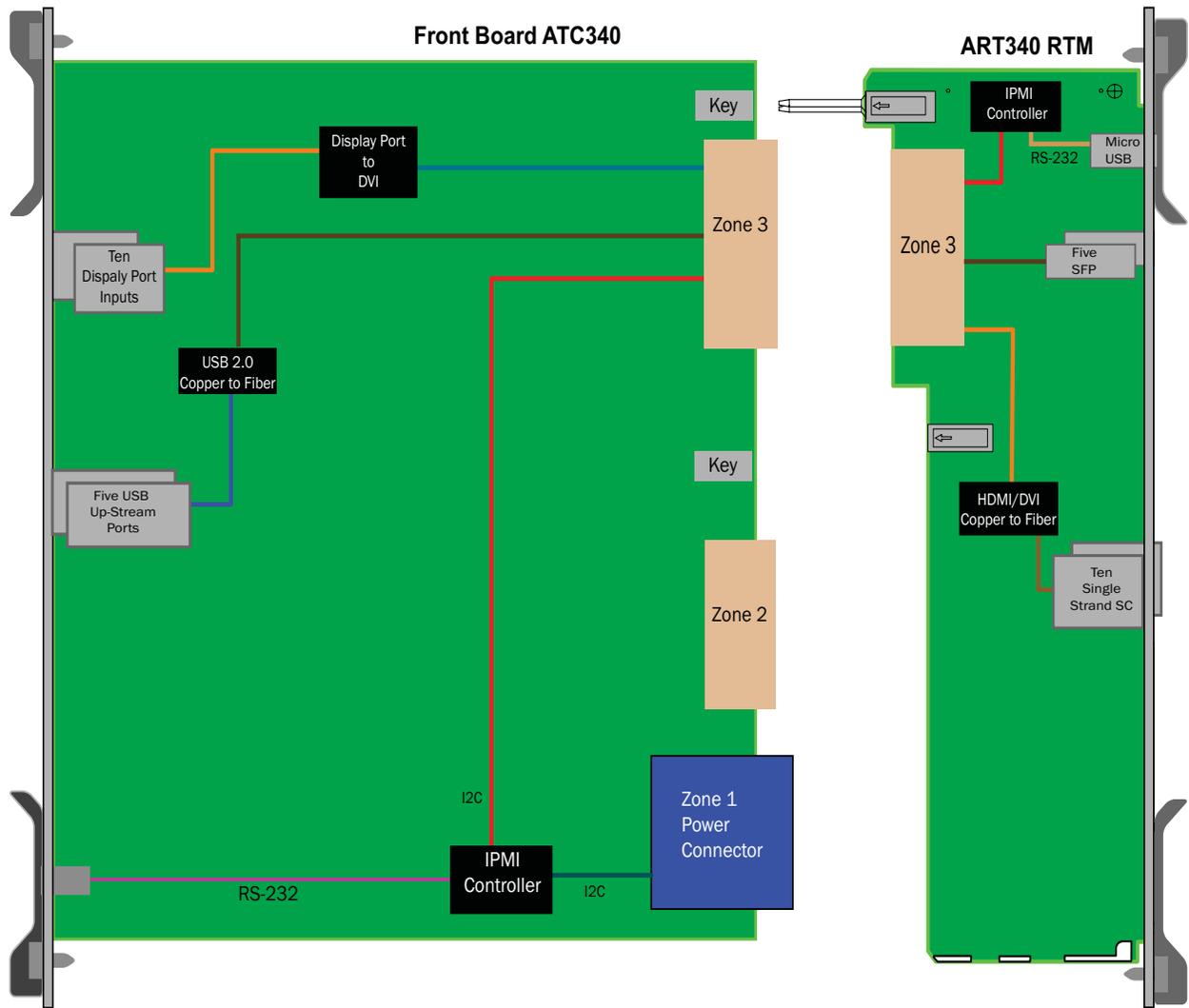


FIGURE 1. ART340 Functional Block Diagram

ORDERING OPTIONS

ART340 - A00- 000 - OHJ

A = USB Fiber

- 1 = LC/SX transceiver (850nm)
- 2 = LC/LX transceiver (1310nm)

H = Operating Temp

- 0 = Commercial
- 1 = Industrial

J = Conformal Coating

- 0 = None
- 1 = Humiseal 1A33 Polyurethane
- 2 = Humiseal 1B31 Acrylic

