



The ATR-C Series provides various I/O interfaces with low power consumption in a compact chassis for use in multiple applications including flight/vehicle management, radar, communication, navigation, monitoring systems, mission computing etc. Small, light, rugged and adaptable, it represents a true "off the shelf" solution to a diverse variety of design requirements.

Specifications:	
CPU	Intel Core i7-6700TE 3.4Ghz Quad Core 8M Cache Optional: Intel 6th/7th Generation i7/i5/i3 or Xeon Processors
Chipset	C236
Graphics	Intel HD Graphics 630
Memory	16GB DDR4 2133Mhz Optional: up to 32GB
Network	4x Gigabit LAN (Optional: up to 6x)
Storage	Up to 4TB SSD with RAID Support
Video Outputs	2x DVI/HMDI (1920x1200 @60Hz) Optional: Up to 4 Independent Video Out (2x DVI,1x VGA,1x DP)
Serial	6x RS232/422/485 with ESD 8KV Protection (Optional: up to 14x)
USB	4x USB 2.0, 2x USB 3.0
GPIO	16 Isolated DI & 16 Isolated DO Optional: Additional Programmable 32 Digital Input & Output
Audio	1x Mic & 1x LineOut Realtek 5.1 Channel Audio
Power Input	9~36V DC MIL-STD-1275E with Reverse Voltage Protection
Cooling	Fanless
Operating System	Windows 10, Windows 8, Linux
Watchdog Timer	1 to 255
BIOS	AMI
CANBUS (Optional)	Dual Channel Isolated CANbus 2.0B/2.0A/J1939
Misc. (Optional)	WIFI, 3G, 4G, Bluetooth, GNSS(GPS,GLONASS,Compass,Galileo)
MIL-STD-1553 (Optional)	Up to Two Dual Redundant MIL-STD-1553A/B Channel BC/MT or Multi-RT/MT per Channel
Weight	7 Kg
Dimensions(WxHxD)	348 x 80 x 398 mm

Environmental:	
Operating Temp	-40°C ~ 65°C (MIL-STD-810G)
Storage Temp	-40°C ~ 80°C (MIL-STD-810G)
Shock	MIL-STD-810G Method 516.6 Procedure 1
Vibration	MIL-STD-810G Method 514.6 Procedure 1 and 3
Humidity	MIL-STD-810G Method 507.5
Sand & Dust	MIL-STD-810G Method 510.5
Rain	MIL-STD-810G Method 506.5 Proc 3
Salt Fog	MIL-STD-810G Method 509.5
Solar Radiation	MIL-STD-810G Method 505.5
EMI/EMC	MIL-STD-461G (RE102, RS103, CE102, CS101, CS114, CS115, CS116)
Ingress Protection	IP66

ORDERING INFORMATION:

ATR-CX32M-N1275V6	Intel® Xeon® Quad Core E3-1275 v6 (8M Cache, up to 4.2 GHz) Narrow Temp
ATR-CX32M-N1275V5	Intel® Xeon® Quad Core E3-1275 v5 (8M Cache, up to 4.0 GHz) Narrow Temp
ATR-CX32M-N1225V5	Intel® Xeon® Quad Core E3-1225 v5 (8M Cache, up to 3.7 GHz) Narrow Temp
ATR-CX32M-W1268LV5	Intel® Xeon® Quad Core E3-1268L v5 (8M Cache, up to 3.4 GHz) Wide Temp
ATR-C732M-N7700	7th Gen (14nm) Intel® Quad Core™ i7-7700 (8M Cache, up to 4.2 GHz) Narrow Temp
ATR-C732M-W7700T	7th Gen (14nm) Intel® Quad Core™ i7-7700T (8M Cache, up to 3.8 GHz) Wide Temp
ATR-C632M-N6700	6th Gen (14nm) Intel® Quad Core™ i7-6700 (8M Cache, up to 4.0 GHz) Narrow Temp
ATR-C632M-W6700TE	6th Gen (14nm) Intel® Quad Core™ i7-6700TE (8M Cache, up to 3.4 GHz) Wide Temp
ATR-C732M-N7500	7th Gen (14nm) Intel® Quad Core™ i5-7500 (6M Cache, up to 3.8 GHz) Narrow Temp
ATR-C732M-W7500T	7th Gen (14nm) Intel® Quad Core™ i5-7500T (6M Cache, up to 3.3 GHz) Wide Temp
ATR-C632M-N6500	6th Gen (14nm) Intel® Quad Core™ i5-6500 (6M Cache, up to 3.6 GHz) Narrow Temp
ATR-C632M-W6500TE	6th Gen (14nm) Intel® Quad Core™ i5-6500TE (6M Cache, up to 3.3 GHz) Wide Temp
ATR-C732M-N7101E	7th Gen (14nm) Intel® Dual Core™ i3-7101E (3M Cache, up to 3.9 GHz) Narrow Temp
ATR-C732M-W7101TE	7th Gen (14nm) Intel® Dual Core™ i3-7101TE (3M Cache, up to 3.4 GHz) Wide Temp
ATR-C632M-N6100	6th Gen (14nm) Intel® Dual Core™ i3-6100 (3M Cache, up to 3.7 GHz) Narrow Temp
ATR-C632M-W6100TE	6th Gen (14nm) Intel® Dual Core™ i3-6100TE (4M Cache, up to 2.7 GHz) Wide Temp
ATR-C-LAB	Core i7-6700TE, 16GB DDR4, 6xLAN, 2xDVI, 32xGPIO, 64GB SSD, 4xRS232/422/485, 2xRS232, 1xMic, 1xLineOut, 8xUSB3.0

*Wide Temp : -40°C ~ + 65°C

*Narrow Temp : -40°C ~ + 55°C