

High Speed Industry 4.0 Solutions



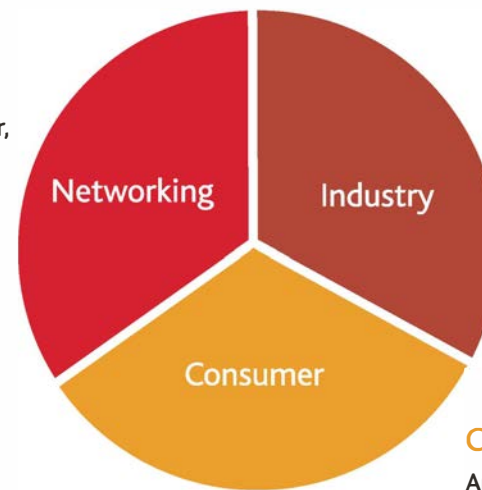
Connect to Your Success
 ATTEND is your most trustworthy partner
 and your first choice for innovative connectivity solutions

Global Sales Channel and Target Market



Networking System

Application: ADSL Modem/Router, IP Router, IP STB, LTE Router, WiFi Router, VOIP, 3G, 4G Modem, GSM/GPRS Module, Server, Storage, IoT



Industry Application

Application: IPCAM Surveillance, Vehicle Tracking, Smart Meter, Medical application



Consumer Electronic Device

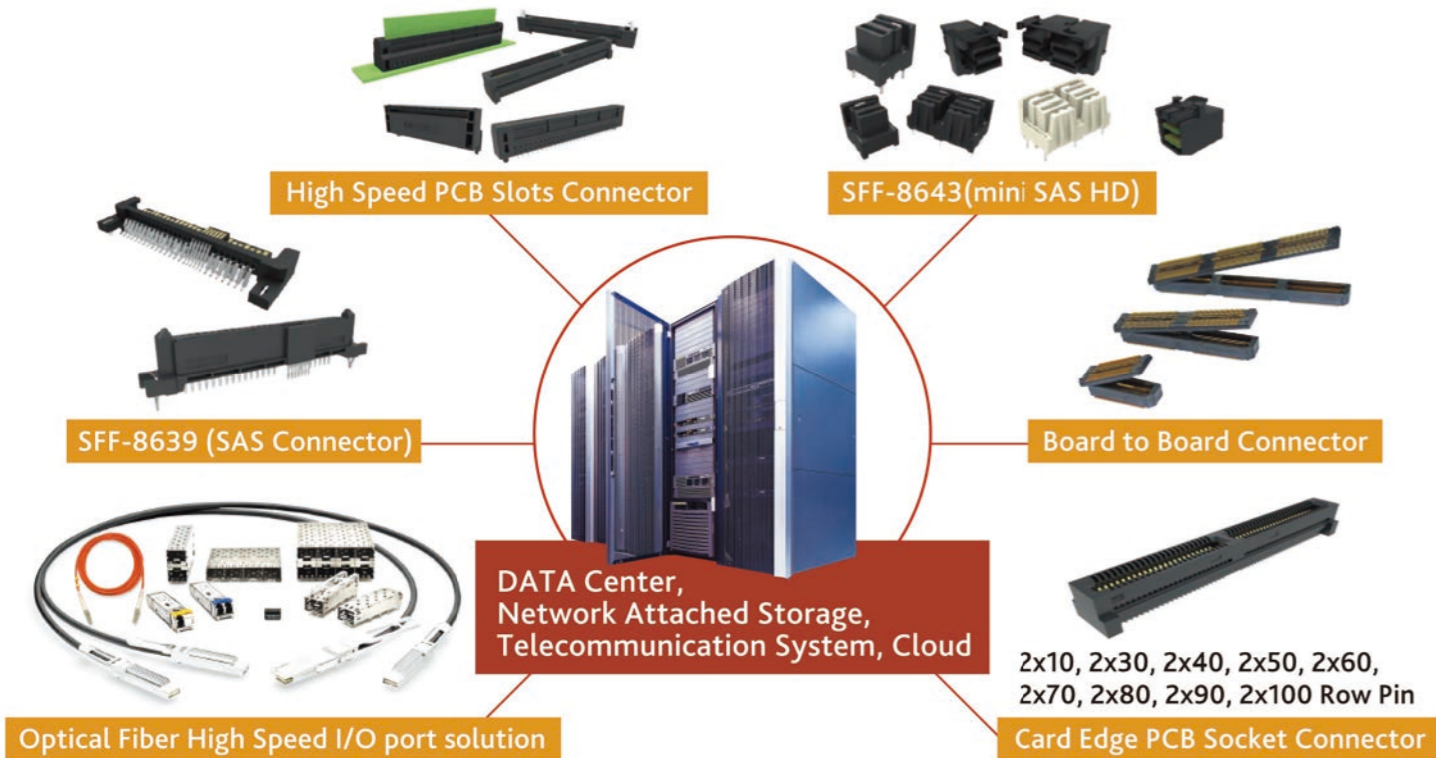
Application: Tablet PC, Internet Audio Equipment, Portable device, Navigation Device

Waterproof I/O port	Pogo Pin connector 303C-541219-25-05	Micro USB connector 207G-BD00,B Type	USB connector (Dust cover) 222A-01001 / 222A-00001	Mini SIM card socket (Dust cover) 222A-05001, Front Fastened 222A-05002, Rear Fastened
	RJ45 connector 222A-0300	HDMI connector 222A-02001	<ul style="list-style-type: none"> Micro D-sub Mini USB 	
Power charging cradle	Powered USB 5V/12V/24V plug and socket 218B-12G1	Powered USB Plug for Cable 218A-12D1	Pogo Pin connector Multi-Pins 303D-521519-30-001 Single Pin 303D-521519-30-001 Fly Type / Plug In Type / Bending Type / Right Angle Type / Double Ends	DC High Power Connector & Socket Pitch=1.70mm 304B-1716PA/304B-1716SA
	FPC connector		Back Flip/Slide type 0.5mm Pitch FPC, Middle Board 316B-XXBAA-R PH 0.5mm, H=1.5 mm	Back Flip type 0.30mm Pitch FPC, Horizontal 317A-XXBCA, Back Flip SMT Type PH 0.3mm, H=0.9mm
Board to Board connector	Plug and Receptacle		Board to Board Receptacle 320A-XXRAA, PH 0.5mm, H=3mm, 320A-100PAA, PH 0.5mm H=4mm	
	SD card slot SD Socket Push-Push Type 104H-TDA0-R01, w/Card Lock	micro SD card slot Micro SD Socket Hinge Type 112C-TBAR-R02	Micro SD+SIM Socket 112G-TA00-R	
10/100/1000 Base-TX Fast Ethernet port / PoE	RJ45 10/100/Gigabit Jack		LAN-8P8C-CAT 5/5e/6 Ethernet cable	
	Middle mount 3.4mm 211A-11ADA-RA3	RJ45 Jack Shielded Type, w/o LED Vertical 210A-11CDA-RA10	RJ45 CAT.6 47.5° JACK shield type w/o EMI 210D-11C3B	
USB Interface	mini USB 5 PIN connector Mini USB 2.0 B Type Receptacle 202A-FBNR-R03, SMT Standard	USB2.0 Type A/B USB 2.0 A Type Receptacle 205B-DANO-R, Standard Type 205C-DANO-R02-Vertical Type 205F-DANO-R, Frank Type	Micro USB2.0 Type A/B Micro USB 2.0 Receptacle, Reverse Middle 207E-AG00,AB Type	
	mini USB2.0 Type A/B Mini USB 2.0 B Type Plug 202B-MDN0-R, SMT, Middle 202E-MGN0-R01, DIP, Middle	Micro USB3.0/USB3.0 Type A/B USB 3.0 A Type Receptacle, Dual Port DIP Type 209B-DG03	USB3.1 Type C USB Type C Middle Mount Receptacle 217C-AA01	

High speed low power TX/RX communication system application

The optical fiber solution from ATTEND is using small form factor pluggable transceiver for serial optical data communications such as IEEE 802.3ae 10GBASE-LR/LW. It is with the compatible SFP/SFP+ pin connector to allow hot plug capability. Digital diagnostic functions are available via an I2C. It is also for signal integrity and EMI at higher data rates. To support the rapidly changing market needs for higher bandwidth, these transceivers are designed for single-mode-fiber (SMF) /multi-mode-fiber(MMF) and operates at variety of wavelengths, Data rates and distances. Using an international standard optical fiber interface, the pluggable optical fiber interface offers significant advantages as on optical interconnects for high speed communication system. And the high performance of pluggable transceivers come the better chosen for optical fiber communication, various data rates and protocols.

<p>SFP transceiver for Gigabit Ethernet / Fiber channel Solution</p> 	<p>SFP+ transceiver for SR/LR 10 Gigabit Ethernet / Fiber channel solution</p> 
<ul style="list-style-type: none"> • LC Duplex SFP 20PIN Module • LC Simplex Bi-Di SFP • Support 850/1310/1550nm wavelength • Support 1.25Gbps Data Rate • Support distance up to 10 kilometer 	<ul style="list-style-type: none"> • LC Duplex SFP+ 20PIN Module • Support 850/1310nm wavelength • Support high speed 10Gbps Data Rate • Support distance up to 10 kilometer



APPLICATION



Telematics



Industrial PC



Industry Networking & Communication



Rugged Mobile Device



Digital Healthcare



Machine Automation

Your Device Features and Functions	What We Can Offer?
MXM Form Factor	 MXM3 Socket 125B-78C00, H=7.8mm, 314pins  MXM2 Socket 125A-78C00, H=7.8mm, 230pins
GPS/GSM	 SIM Socket Hinge Type 115B-AAA0-R01, 6Pin 115B-BAA0-R01, 8Pin  SIM Socket, Bar Push Type 115T-AAA1, 6 Pin 115T-AAB1, 6 Pin w/post 115T-BAB1, 8 Pin w/post  Nano SIM Card Socket Eject Type, with Tray 115S-ACA0
Wireless Connectivity SSD Storage	 M.2 Connector H=4.2mm max, M key 123A-42MA0-R01 (A, B, E, M Key)
Wi-Fi module	 mini PCI socket metal grounding socket Mini PCI Socket Metal Grounding Type 114B-92B00-R02, 9.2mm  mini-PCI express socket Mini PCI Express Socket with Latch Standoff 4.0mm 119A-40A00-R04  Mini PCI Express Socket with Nuts Standoff 9.2mm 119A-92A00-R02
Wi-Fi RF assembly	 Micro Coaxial RF Connector 321A-33125, H=1.25mm 321B-22085, H=0.85mm 321C-22060, H=0.6mm  High Frequency RF cable assemblies
SO-DIMM DRAM module	 DDR3 socket SO DIMM Socket Standard Type 122A-X2A00, H=4.0mm, 5.2mm, 8.0mm, 9.2mm  SO DIMM Socket Vertical Type 122B-150A01, Normal 122B-150A11, Reverse  DDR4 socket SO DIMM Socket Vertical Type 124B-150A00, Normal, Reverse  SO DIMM Socket Horizontal Type 124A-40A13, H=4.0mm, Normal, Reverse 124A-50A13, H=5.2mm, Normal, Reverse
SFP/SFP+/QSFP	 SFP module socket 223A-118C  SFP+ module socket 223A-118B  QSFP module socket 224A-12XX
SFP/SFP+ Optical Fiber Transceiver	 SFP Transceiver 224A-BB010-00  SFP+ Transceiver 224B-BB010-00  SFP+ Transceiver 224B-BC010-00  SFP+ Transceiver 224C-AB010-00
M5/8/12/23 connector	<p>Receptacle and Plug for Cable</p>  <p>Male 216A-08MAR 216A-12MAR Female 216A-05FAR 216A-05FAF 216A-08FAF 216X-08FAF Male 216A-05MAF 216A-05MSF PCB Male 216A-05MSF 216A-04MSF Female 216A-05FSF 216D-04FSF 216A-08FSF 216X-08FSF</p> <p>M12 Contact Configuration Code: A/B/C/D/P/X code</p>  <p>A code B code C code D code P code X code</p>