Driving Innovations in Computing, Connectivity & Smart EMS

WIESON®



Solutions Overview

Scan for E-Catalog & Solutions

COMPANY PROFILE

Since 1990 | TWSE: 6272



Global Manufacturing Footprint



New Taipei, Taiwan (Headquarters)
Wieson Technologies
H/S connector/cable, electronics OEM/ODM
ISO 9001, ISO 14001, ISO 13485, ISO 14064-1



Dong Guan, China
Wieson Technologies (Dongguan)
Connector, cable, antenna, electronics OEM/ODM
ISO 9001, ISO 14001, ISO 13485, IATF 16949, ISO 14064-1



Jiang Su, China
Wieson Automotive
Automotive connector, cable, antenna & electronics
ISO 9001, ISO 14001, IATF 16949, ISO 14064-1, ISO 45001, ISO 17025, ISO 50001



Hung Yen, Vietnam
Wieson Technologies (Vietnam)
Connector, cable, antenna, electronics OEM/ODM
ISO 9001, ISO 14001, LoC IATF 16949

Electronics Manufacturing Services (EMS)

Design / Development
EE, ME, Schematic, PCB, Structure, 2D, 3D

Validation
Function, Reliability, SI, PI, Safety

Supply Chain Integration
EE parts, ME parts, Mockup, Tooling

MP & Delivery
SMT, DIP , Final Assembly, Test, Pack

HIGH SPEED INTERCONNECT COMPONENTS

HDMI® 2.2 Ultra96 & DisplayPort 2.1 DP80/ DP80LL

NEXT Generation Display Bandwidth at 96Gbps and 80Gbps

- HDMI® Category 4 Certified Receptacle
- Ultra96 HDMI® Certified Cable
- Enhanced DP80 VESA Certified Receptacle
- Enhanced DP80 Passive VESA Certified Cable & DP80LL Active VESA Certified Cable

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

DisplayPort

High-Speed Visual Interface



HDMI® 2.2
Category 4 Receptacle



HDMI® 2.2
Ultra96 HDMI® Cable



Enhanced DisplayPort 2.1b
UHBR20 DP80 Receptacle



DisplayPort 2.1b
Plug & Cable
DP80/ DP80LL

USB-C & High-Speed Data Connectivity



USB Type-C®
Connectors



USB4® 40Gbps/ 80Gbps
USB Type-C® Cables
Up to 240W (EPR)

Power & Board-Level Interconnect



PCIe CEM 5.1
Power Connector & Cable



Fine Pitch
Board to Board

CLOUD COMPUTING & DATA CENTER SOLUTIONS



Server Internal Connectors Gen 6/ Gen 5



MCIO Connector
Compliance to SFF-TA-1016



Multi-Trak Connector
Compliance to SFF-TA-1033



DA-CEM Connector

Server Internal Cables Gen 6/ Gen 5



MCIO Cable
Compliance to SFF-TA-1016



Multi-Trak Cable
Compliance to SFF-TA-1033



DA-CEM Cable

Server External Cables 1.6T/ 800G



QSFP Cable Assemblies
Supports per port design from 200G, 400G PAM4



OSFP Cable Assemblies
Supports per port design from 800G, 1.6T PAM4



CDFP Cable Assemblies
Delivering 32GT/s per lane (Gen 5.0)

INDUSTRIAL CONNECTIVITY PRODUCT SOLUTIONS



Smart Industrial Connectors
M5 | M8 | M12

M5 Signal Group
Serial number: AC730301

3 Pins 4 Pins



M8 Signal & Data Group
Serial number: AC730302

M8 A-code 3 to 4 Pin | M8 A-code 6 to 8 Pin | M8 B-code 5 Pin | M8 D-code 4 Pin





M12 Signal & Data Group / Power Group
Serial number: AC730303

Smart Industrial Cables
M5 | M8 | M12



M8 Straight/ Right-Angled
Serial number: AB9062



M8 Snap-in
Serial number: AB9062

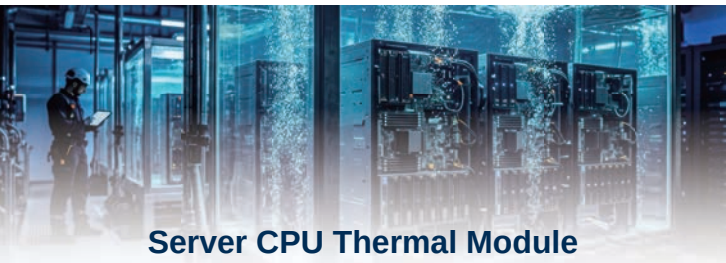


M12 Straight/ Right-Angled
Serial number: AB9063

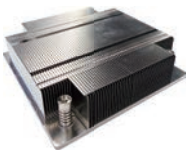


M12 Data Group
Serial number: AB9063

THERMAL MODULE & LIQUID COOLING SOLUTIONS



Server CPU Thermal Module



Intel:
Sapphire /
Granite Rapids
Socket:
LGA4677 / 4710 /
7529 / 9324
TDP:
400-500W



Intel
Socket:
LGA4677
TDP:
350W



AMD:
Turin
Socket:
LGA4844_SP6
TDP:
500W

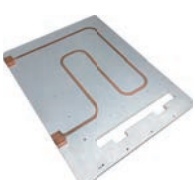
Accelerator Card Thermal Module ODM



XPO & GPU & CPU Liquid Cooling Solution



CPU Cold Plate



Tubed Cold Plate



XPO Cold Plate

AUTOMOTIVE ELECTRONICS



Cable / Connector Solution



· High Speed / High Frequency Cable
· Sensor / Switch Cable
· EV Cable
· Waterproof Cable
· Customized Connector

Power & Expansion Module Solution



· USB Fast Charger
· Wireless Charger
· Expansion Module
· Dimming Film Power Inverter

Communication & Antenna Solution



· AM/FM
· DAB Antenna
· Multi Function Antenna Box
· GPS / GNSS Antenna Box
· V2X Antenna Box
· Multi Function Shark-Fin Antenna
· Antenna Amplifier

PCBA EMS

· Customized Solutions · Flexible Manufacturing · Global Support

WIRELESS COMMUNICATION DEVICE SOLUTIONS



- High Efficiency RF Connector & Cable Assembly.
- High Efficiency Antenna products, Lora、WiFi4/5/6/6e/7、4G、5G、BT、UWB…etc.
- Embedded/External Antenna & Antenna module Design.
- Full-band 4G LTE antenna, WiFi dual-band/tri-band Antenna.

RF Antenna & Connector & Cable

- WiFi Antenna
- Chip Antenna
- GPS Antenna
- 4G LTE Antenna
- 5G Antenna
- NFC Antenna



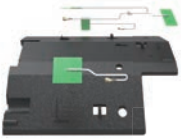
External Antenna



MIMO Antenna



5G+LEO ODU (Outdoor Unit)



Module Antenna



Internal Antenna



LMR Cable



SMART OPERATIONS



Data Platform


Sales Dash.


Finance Dash.


Supply Chain


Production Dash.


Quality Dash.


HR Dash.

Intelligent Manufacturing Operations Management

APS	Line Simulation			MES
QMS	WMS	SCADA	EDO	EMS

Smart Equipment

Smart Production: Auto Lines / CNC / Robots	**Smart Logistics:** AS/RS / AMR / Conveyors
Smart Inspection: Performance / Vision Inspection	**Other Smart Systems:** Data Collection / Andon / RFID

WIESON®

Making The Perfect Connection



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