





# Why Dragontech?

## Your Embedded System Solution Architect

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### International, yet local

- Dragontech headquartered In Hong Kong
- International organization and management
- Local presence in INDIA
- Well connected with leading global suppliers
- Globally startegically positioned

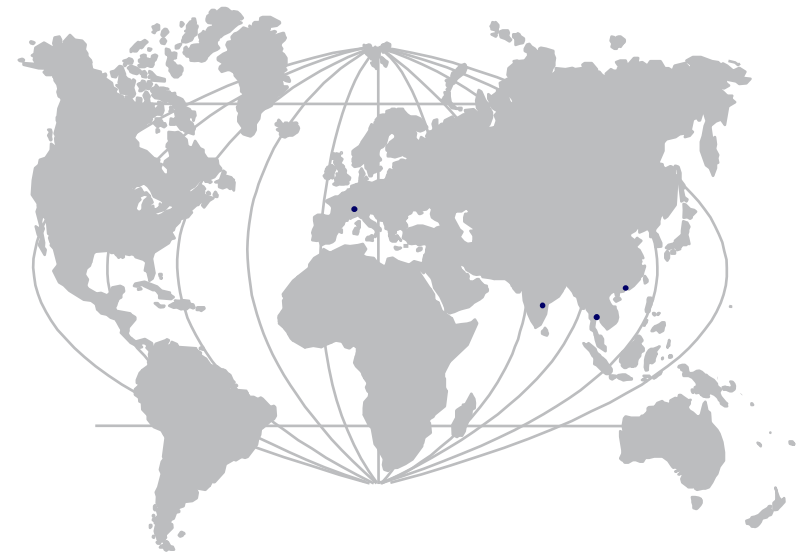


### Experience

- Hands-on Embedded experience exceeding 20 years
- Veritical market experience, defence, transportation, etc.
- Design, engineering and production know-how
- Systems integration and manufacturing
- Experience in international standards, processes, certifications and apporvals

### Service

- Distributor for Suppliers from America and Europe
- Single stop supplier
- Customer-centric service
- Problem solving approach
- Efficient, deterministic and cost effective operation
- Outstanding pre-and post-sales support (SW+HW)
- Product sales + Custom design and integration





# OEM Boards and Modules

## Distribution Principles for INDIA



### Advanced Micro Peripherals

THE EMBEDDED VIDEO EXPERTS

H.264 and MPEG4 Codecs  
 Video Capture – Frame Grabbers  
 Video Overlay and Annotation  
 DVR and Video Streaming  
 Video Display Format Converters  
 Communications and Peripherals  
 Single Board Computers (SBC)



PC/104  
 PC/104+  
 PCI-104  
 PCIe/104  
 PCI/104-Express



MiniPCI



MiniPCle



CPCI



PCI  
 PCIe



### Connect Tech Inc.

Industrial Strength Communications

SBC and GPU Modules  
 Carriers for Qseven and COMe  
 Gigabit Ethernet  
 Power Supply and UPS  
 FPGA, Digital, Analog I/O  
 Serial and CAN Interfaces  
 Storage



PC/104  
 PC/104+  
 PCI-104  
 PCI/104-Express



SBC CARRIERS  
 (Qseven)  
 (COMe)



MiniPCle



### EUROTECH

SBC and COM Modules  
 Carriers for COM  
 Communications and Peripherals  
 Digital I/O  
 Video Compression



PC/104  
 PC/104+



SBC



Small  
 Form  
 Factor COM



COMe



CPCI  
 VME



# OEM Boards and Modules

## CPU Architectures and Form Factors at a Glance



STACKING SBC



VORTEX X86  
 ATOM Z510  
 Celeron M  
 Pentium M

*With Q7 Carrier*  
 Intel ATOM  
 AMD  
 Freescale i.MX  
 TI OMAP

STANDALONE SBC



i.MX6  
 PXA270  
 ATOM  
 AMD Geode GX  
 Core i7

CARRIER + CPU

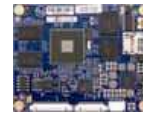


*COMe (Type 2/6/10)*  
 Core i3/i5/i7

*COMe (i5/i7)+ GPU*  
 AMD Radeon E6760  
 NVIDIA GT745M

*Q7 Carrier + CPU*  
 Intel ATOM  
 AMD  
 Freescale i.MX  
 TI OMAP

SSF



i.MX6  
 i.MX31  
 PXA270  
 ATOM

COM Express



ATOM  
 Celeron M  
 Intel Core 2nd gen  
 Intel Core 3rd gen  
 QorIQ P1021  
 QorIQ P2020  
 QorIQ P4080

CPCI



Core 2 Duo  
 Power PC G4

VME



Core 2 Duo  
 Intel Core 2nd gen  
 Power PC G4  
 IBM PPC 7750 CL

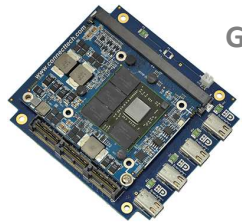


# OEM Boards and Modules

## Peripheral, I/O, Video, Communication, Power Supply



PERIPHERAL



GPU



SSD



mPCIe

GPU Graphics Accelerator  
Mass Storage SATA, SSD  
CARDBUS Interface  
Audio Codec/Matrix  
MiniPCIe Adapters  
PCI, PCIe Bridges  
Bus Adapters

I/O



Opto I/O



FPGA I/O



AD I/O

Optoisolated I/O  
MultiFunction FPGA  
Isolated Analog I/O

VIDEO



H.264  
MPG4  
Codecs



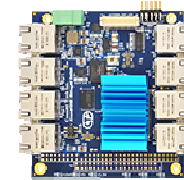
Overlay &  
Annotation



Format  
Conversion

H.264 and MPEG4 Codecs  
Video Capture Frame Grabbers  
Video Overlay and Annotation  
DVR and Video Streaming  
Video Format Converters

COMMUNICATION



ETH  
Switch



MVB  
(EMD)



Modem  
GPS

GBIT Ethernet  
Ethernet Switches  
Serial (STD and Isolated)  
Synchronous Serial  
Isolated CAN bus  
MVB Interface  
GPRS/3G Modem  
WiFi 802.11 a/b/g/n  
High Accuracy GPS

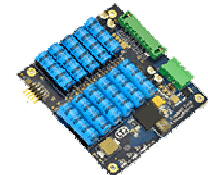
POWER SUPPLY



MIL  
PSU



UPS  
PSU



UPS

Isolated MIL PSU  
Vehicle Grade PSU  
PSU with UPS  
Standalone UPS  
Isolated PSU  
Smart Battery Adapter



# OEM Boards and Modules

## Custom Design and Manufacturing Services

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### Turnkey Single-Stop Supply Chain

#### System Architecting

- Board
- Subsystem
- Complete Device

#### Electronics Design

- Schematics
- PCB design

#### Production Engineering

- Internal designs
- Customer's designs
- BOM optimization

#### Component Sourcing

- Directly from manufacturers
- Distributors In Asia

#### Assembly and Manufacturing

- From 10pcs prototypes to production
- Latest assembly machines
- SMD, Throughhole components
- Enclosure, cable, connector and harness assembly
- Conformal coating

#### QC and Inspection

- Inspection
- Testing
- Burn-in
- Customer specified processes

#### Manufacturing Plants:

(EU) Critical and MIL certified production  
Shenzhen (CN) General production