

COMPANY PROFILE

Strong team, Strong products, Bright future:

Headed by a strong team of individuals with a proven track record, most notably the 1.25B USD GIGA acquisition by Intel, IPtronics is on a solid path for success. Operating as a new company in a very competitive market, IPtronics has carved a position as market leader in silicon for parallel optical interconnects centered around its highly competent analog design team.

2011 was the year IPtronics passed the 1M pcs shipped milestone and innovative products in the roadmap secures, not only growth in lucrative markets, but a strategic position in next generation server, super computer as well as consumer applications.

Based on deep and mutually beneficial business relationships with tier 1 system integrators in above mentioned field, IPtronics is poised for exponential growth and strategic value to its co travelers.

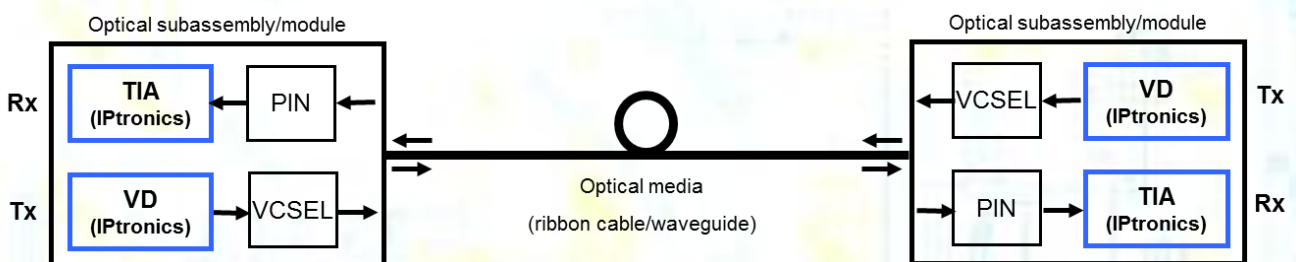
IPtronics is backed by two Scandinavian VC's and have closed 16M USD in venture capital to date.

Short Reach Optical Interconnects:

- Driving a high growth market

IPtronics is strategically focused on Optical Interconnects for the **Computer Communications** market. IPtronics has developed a chip technology that enables low cost, low power and small size optical interconnect solutions that computer manufactures adopt in next generation systems to overcome the physical constraints from using copper-based connections in high speed interfaces and backplanes.

The chip technology is the vital bridge between optical and electrical interfaces and will enable unprecedented use of optics in servers, data centers, computers and more. Until recently, integrating optics technology for very short reach and consumer applications have been regarded expensive and overkill. Not anymore. IPtronics strategic partners ensures that all components in the total solution will be fully available and cost competitive in order to secure optics proliferation – the entire eco-system is now enabled and ready for full implementation. Active Optical Cables [AOC] and pluggable transceivers will continue to grow, but more importantly, integrating optics for optical backplanes and chip to chip communications is now more than lab reality – it is being prepared for next gen servers and computers.



Best in Class Products:

- Features for your next generation optical interconnect

IPtronics offers devices with leading performance, more specifically **VCSEL Driver (VDD) and TIA Arrays with significantly lower power** consumption, richer feature set and low cost compared to existing solutions in the market place today. With a roadmap to higher speeds and new applications, we will be rolling out more products for parallel transmission for the Short Reach Optical Interconnect market in the near future. This will include IC for 25Gbps. Let us know what you need; we may just have it in the pipeline.

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Best in Class Products:

- Selection Guide

Below you will find an overview of our current products. All these products are offered with full documentation, evaluation kits and strong application support that will enable you to finalize robust products on time. Call us for more information

	IPxx12G011	IPxx16G4C	IPxx3x4	IPxx16G12C	IPxx12x12	IPxx10G2CS
Function	TIA/VDD Array	TIA/VDD Array	TIA/VDD Array	TIA/VDD Array	TIA/VDD Array	TIA/VDD Array
Channels	4	4	12	12	12	2
Applications	IB DDR, QDR, 40GBASE-SR4 PCIe HDMI	IB QDR, FDR, 40GBASE-SR4 PCIe	IB DDR, QDR, 100GBASE-SR10 SNAP12 Mid board optics	IB QDR, FDR, 100GBASE-SR10 SNAP12 Mid board optics	IB DDR, QDR, 100GBASE-SR10 SNAP12 Mid board optics	Light Peak SFP+ Proprietary
Bit rate/channel	5 to 12.5 Gbps	5 to 16.5 Gbps	5 to 12.5Gbps	5 to 16.5 Gbps	5 to 12.5 Gbps	5 to 10.3 Gbps
Total BW	50 Gbps	66 Gbps	150 Gbps	198 Gbps	150 Gbps	20.6 Gbps
Power (1ch, tx+rx)	109 mW/ch	109 mW/ch	109 mW/ch	109 mW/ch	46 - 63 mW/ch	µW - 70 mW/ch
Availability	Production <small>(flip chip and wirebond)</small>	Production <small>(flip chip and wirebond)</small>	Production <small>(flip chip and wirebond)</small>	Production <small>(flip chip and wirebond)</small>	Pre-Production <small>(wirebond)</small>	Samples

Please visit www.iptronics.com or contact sales@iptronics.com for more information.