Open Compute Carrier-grade Edge Reference Architecture (OCCERA)

• Flexible • Modular • Open Computing Architecture

The next-generation cloud computing technology – optimizing performance, cost and space for COTS platforms



ADLINK
Leading EDGE COMPUTING

http://www.adlinktech.com/OCCERA

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OCCERA

Enabling the transformation of ICT computing infrastructure with a flexible and open architecture

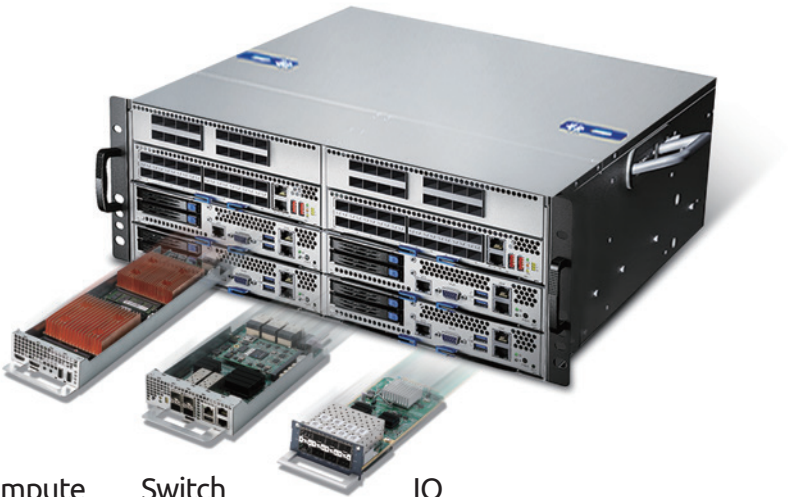
- Flexible modular design
- Industrial-grade design
- NFV and SDN support
- Hardware acceleration design



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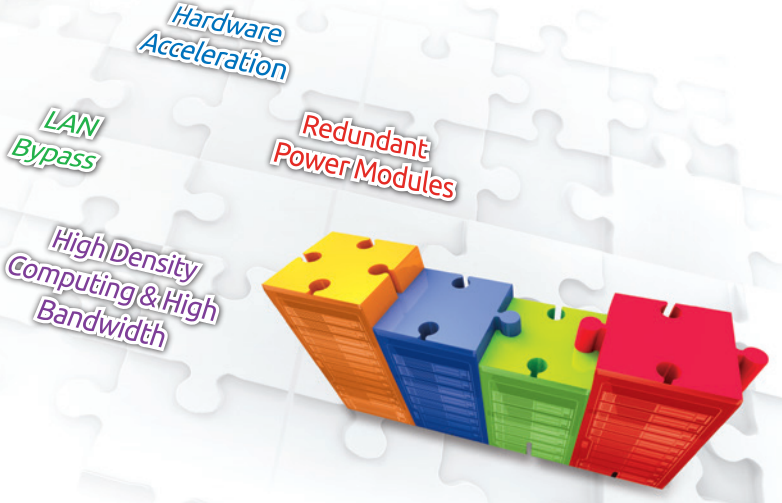
Flexible Modular Design

Compute, storage, network resources and
IO modules can be deployed as needed



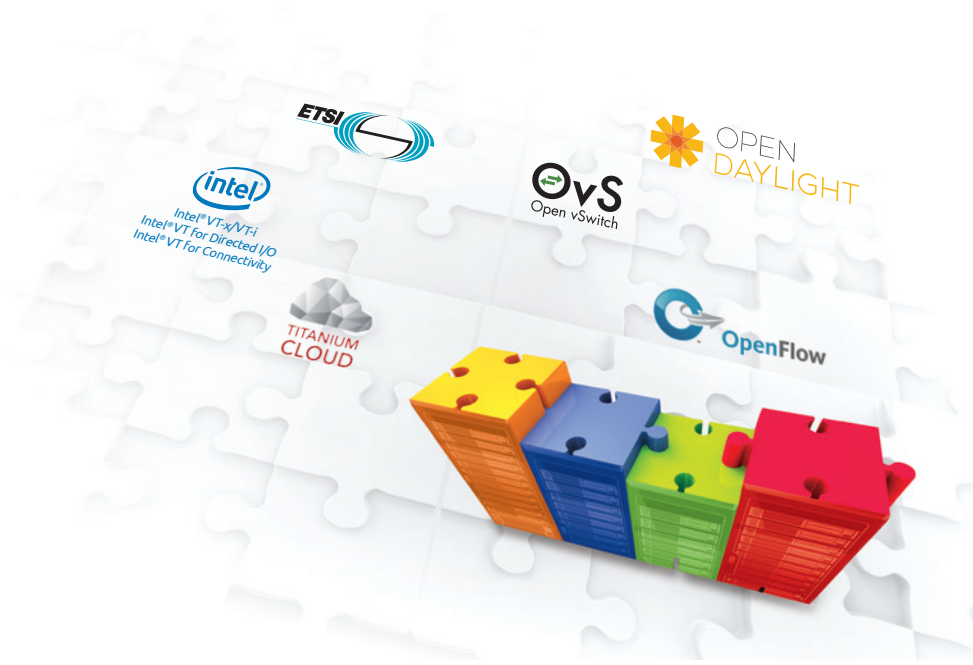
Industrial-grade Design

Supporting redundant, hot-swappable design and
advanced LAN bypass to meet the latest data center requirements



NFV and SDN Support

Proprietary devices are replaced by virtual equipment and virtual network functionality that can be deployed anywhere



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OCCERA Platforms

	Network Appliance			Media Cloud Server
Product	CSA-7200	CSA-7400		MCS-2080
	2U 19" Network Appliance	4U 19" Network Appliance		2U 19" Media Cloud Server
				
Compute	MCN-2600T	MCN-2600T		MCN-1500
	1	4		8
Switch	-	MXN-4100	MXN-3610	MXN-0410
	-	2		2
Switch ↕ Compute	-	PCIe x8		GbE

Compute Node	MCN-2600T	2x Intel® Xeon® Processor E5-2680 v3/v4 (for CSA-7400/7200)
	MCN-1500	2x Intel® Xeon® Processor E3-1585 v5 (for MCS-2080)
Switch Node	MXN-0410	4x 10G Managed GbE Switch (for MCS-2080)
	MXN-3610	36x 10G Front I/O Switch (for CSA-74000)
	MXN-4100	4x 100G Switch (for CSA-7400)
Network Interface Module	NIM-1610	16x 10GbE Module (for CSA-7400)
	NIM-0440	4x 40GbE Module (for CSA-7400)

Network Interface Module	CSA-Z4X01	4-port GbE copper with LAN Bypass (for CSA-7200)
	CSA-Z5C4F	4-port GbE SFP (for CSA-7200)
	CSA-Z8X10	8-port GbE copper with LAN Bypass (for CSA-7200)
	CSA-Z5C2F	2-port 10GbE SFP+ (for CSA-7200)
	CSA-Z5C8F	8-port GbE SFP (for CSA-7200)
	CSA-Z5C8F+	8-port 10GbE SFP+ (for CSA-7200)
	CSA-Z5C4F+	4-port 10GbE SFP+ (for CSA-7200)
	CSA-Z5CQF+	2-port 40GbE QFP+ (for CSA-7200)

ADLINK Leading EDGE COMPUTING

intel IoT Solutions Alliance Premier

ADLINK Technology is a Premier member of the IntelR Internet of Things Solutions Alliance. From modular components to market-ready systems, Intel and the 400+ global member companies of the IntelR Internet of Things Solutions Alliance provide scalable, interoperable solutions that accelerate deployment of intelligent devices and end-to-end analytics. Close collaboration with Intel and each other enables Alliance members to innovate with the latest technologies, helping developers deliver first-in-market solutions. Learn more at: intel.com/iotsolutionsalliance

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