

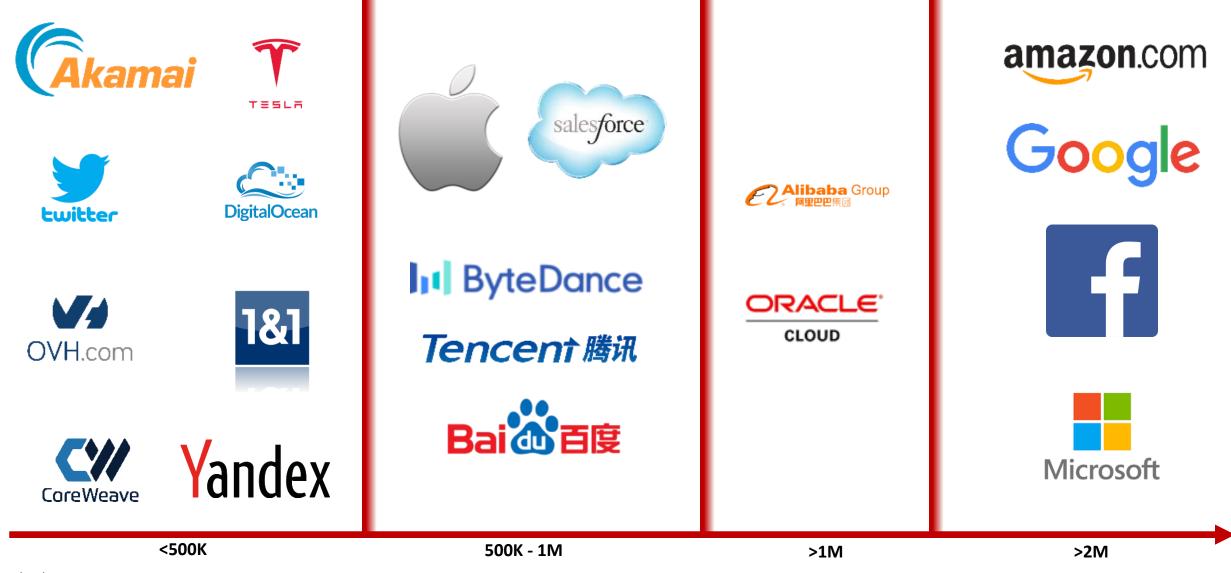
# AL/ML Networking, the Transition Toward Ethernet

2Q23 Results and September Forecast

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# Server Installed Base End of 2022 (Select Companies)



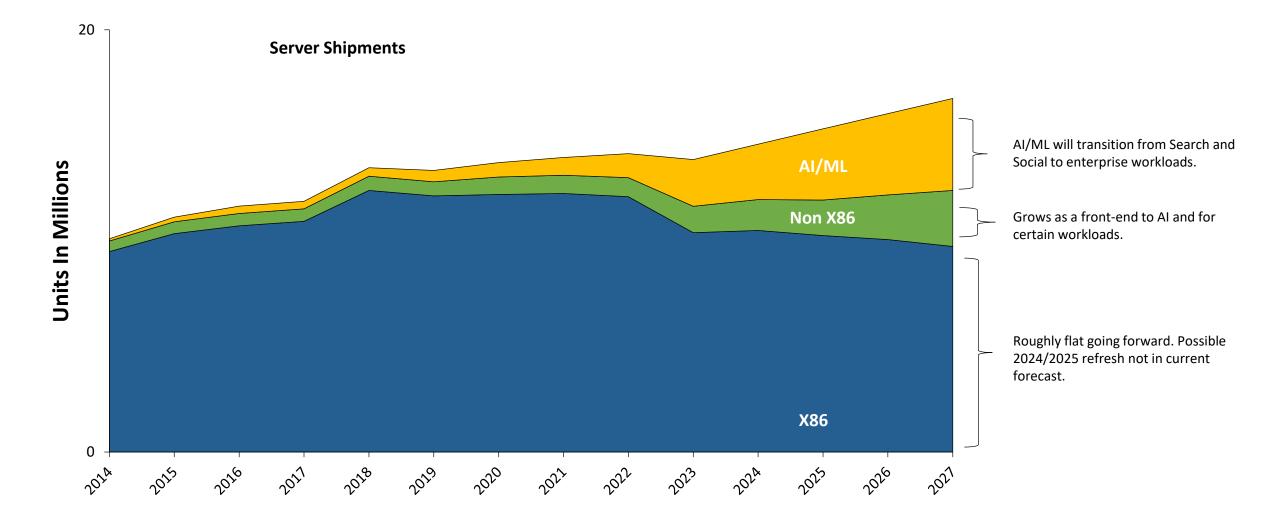


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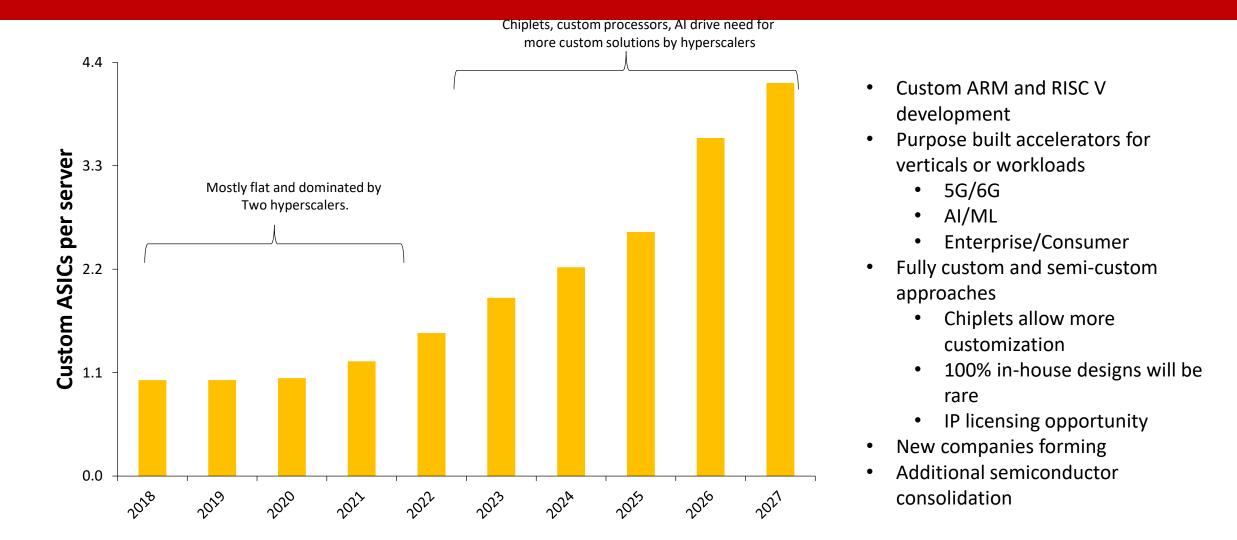
#### Server and Smart NICs: Server Shipments





#### Server and Smart NICs: Hyperscalers reach new scale, drive customization

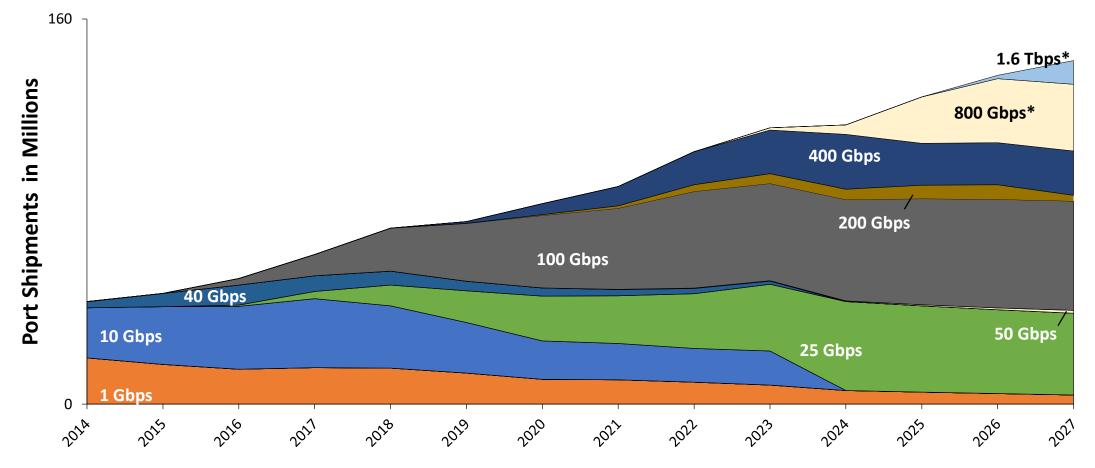




\*A multi-chip solution, or multi-chiplet solution is counted a 1. This chart only reflects products that go in a server.

## Ethernet Switch – Data Center: Total Market Ports





\*Optics may lag or be different then front panel port

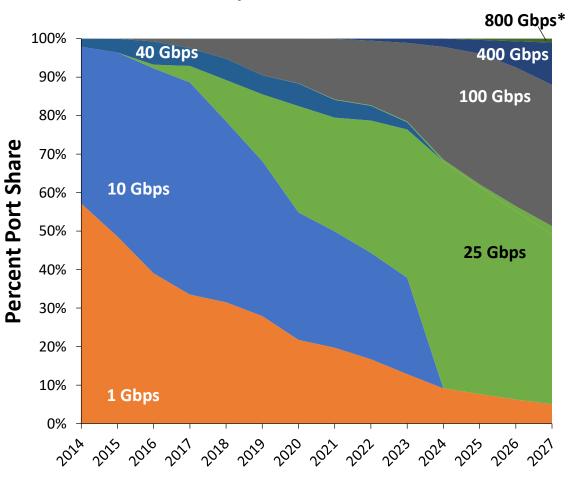
#### Ethernet Switch – Data Center: Total Market Ports

**Cloud Market** 



**1.6 Tbps\*** 100% and above 800 Gbps\* 400 Gbps 40 Gbps Percent Port Share 100 Gbps 200 Gbps 10 Gbps 25 Gbps 1 Gbps 0% 2014 2015 2016 2011 2018 2019 2010 2011 2012 2013 2014 2015 2016 2011

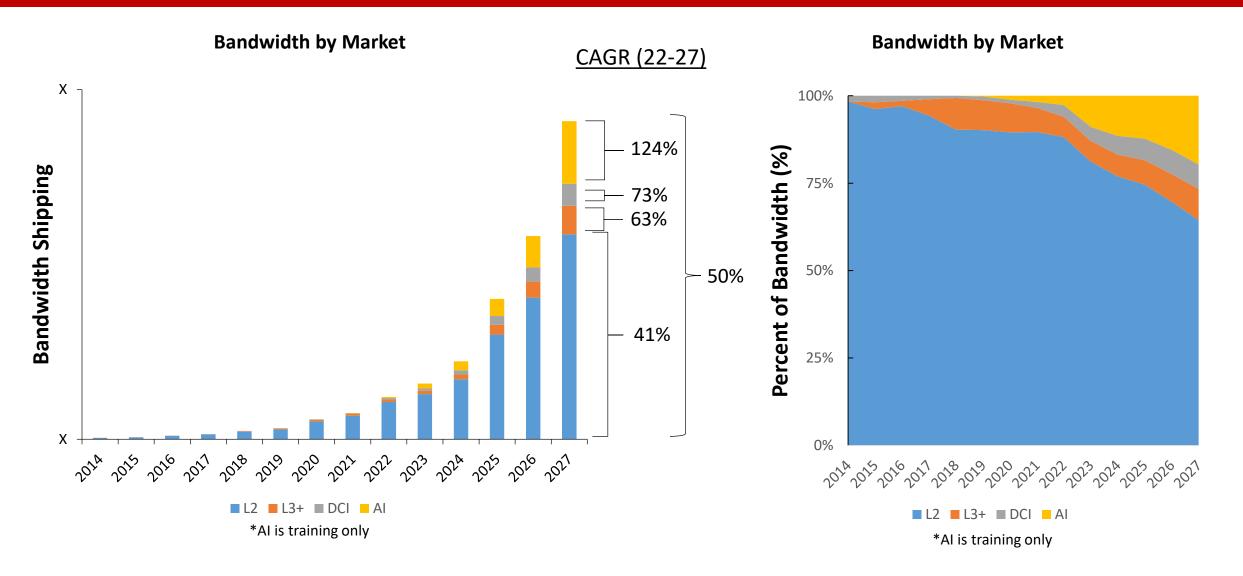
**Enterprise and Telco Market** 



\*Optics may lag or be different then front panel port

#### Merchant Silicon – Data Center Switching: Bandwidth Shipping by SERDES speed



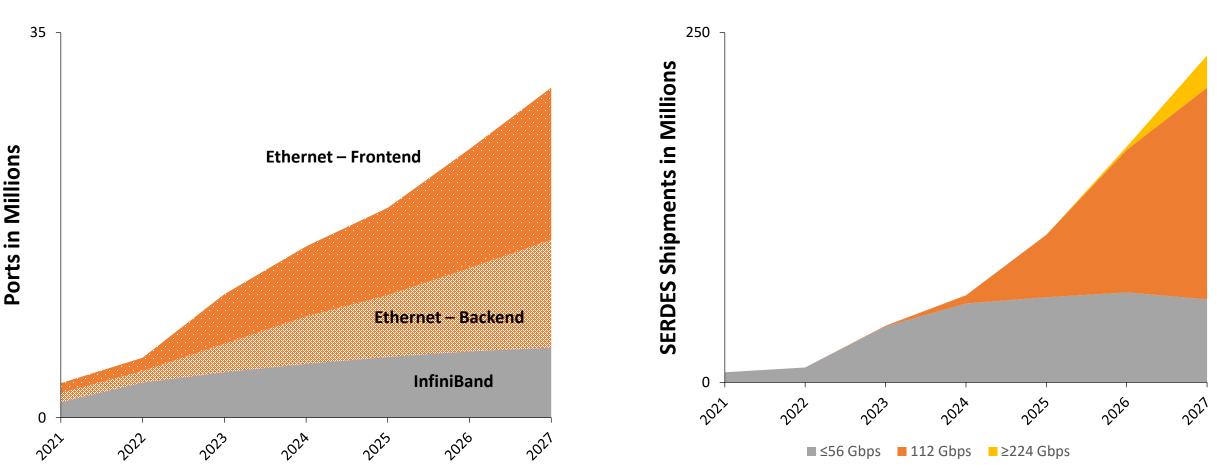


## Ethernet Switch – Data Center: Total Market Revenue

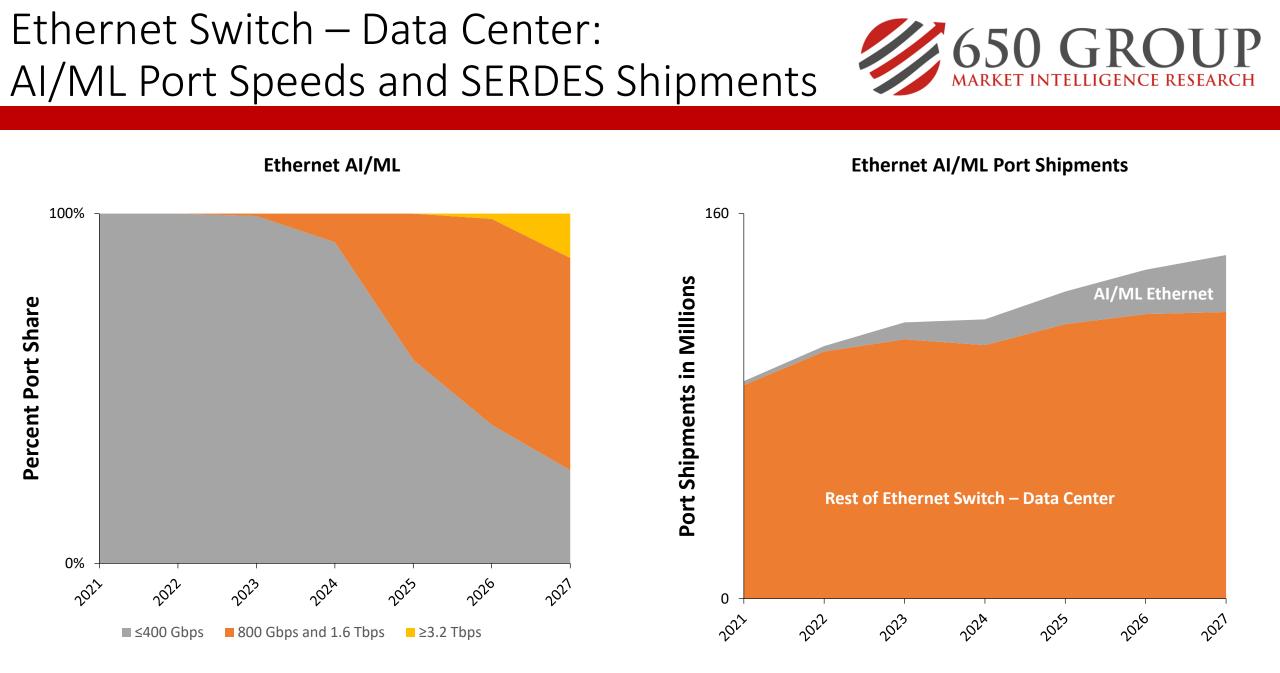
Total AI/ML Market



**Ethernet AI/ML SERDES Shipments** 250



\*In the 4Q22 report we began breaking out Backend(internal) and Frontend(external) networks for Ethernet.



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