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# AT&T Spec Update

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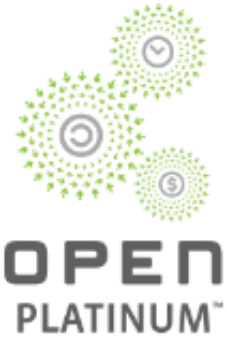


# What’s new?

AT&T Open Programmable PON OLT Specification:

1. Broaden Silicon option for OLT application
2. Fronthaul transport

# Current Specification

32 Ports XGSPON (10G) and future support of 25G PON using SFP28

Uplinks: (8) 40G/100G QSPF28

No Local Aggregation Switch

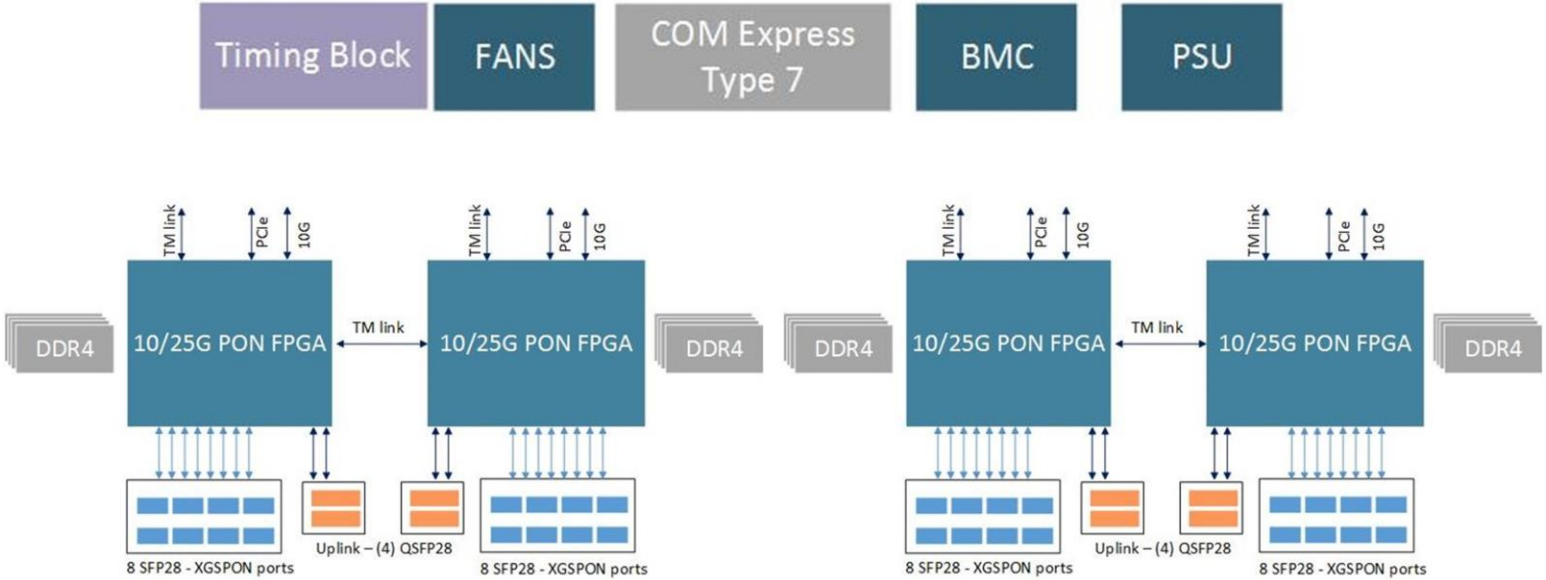
Redundant and field replaceable high efficiency PSU, Fans

BMC and Optional CPU

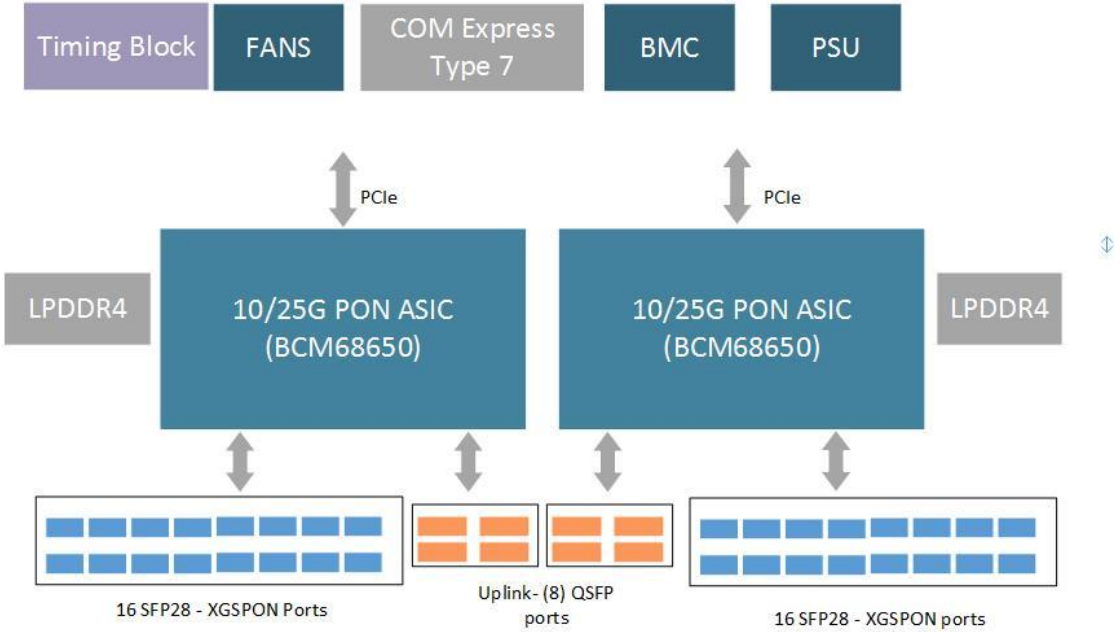
Two hardware variants

- 1RU for 19” rack deployments
- 2RU Half width Sled for CG19 Open rack deployment

# System Block Diagram- FPGA Option



# ASIC Option for XGSPON/25G PON




Note: BCM66850 A0 version supports 2 ports 25G PON; BCM66850 B0 expected to support 8 ports 25G PON

# Future Application

25G PON – Standards work in progress

Possible Front haul support when CO-DBA in place and meets latency requirements

# Call to Action

Collaboration/feedback to support ASIC option and 25GPON ODM Participation

Current Spec is available in Telco wiki for review
https://www.opencompute.org/wiki/Telcos

Questions/Feedback- email me at sumithra.bhojan@att.com

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