

N3248PXE-ON/N3248X-ON Switch

System LED Definition

Feature	Detailed Description	Comment
Platform Stacking LED	Not supported.	At front
System Status LED (Bi-color LED)	<ul style="list-style-type: none"> • Solid Green – all functions are normal • Flashing Green with 2 sec on and 1 sec off – Booting • Solid Amber – Major Fault • Flashing Amber with 2 sec on and 1 sec off – Minor Fault 	At front
Power Status LED (Bi-color LED)	<ul style="list-style-type: none"> • Solid Green – Normal • Solid Amber – POST in progress • Flashing Amber with 2 sec on and 1 sec off – PSU fault • Off – No power 	At front
FAN Status LED (Bi-color LED)	<ul style="list-style-type: none"> • Solid Green – all functions are normal • Solid Amber – Fan tray fault 	At front
System Beacon LED	<ul style="list-style-type: none"> • Off – Idle • Flashing Blue with 1 sec on and 1 sec off – (SID in Dell parlance) 	At front
7-DIGIT Stack LED	Not in use.	At front

Port LED Definition

1G/2.5G/5G/10G copper port LEDs:

Feature	Detailed Description
Link/SPD LED (Left bi-color LED)	<ul style="list-style-type: none"> • Solid Green – Link at 10GBase-T (Max) • Solid Amber – Link at 10/100/1000MBase-T or 2.5/5GBase-T • Off – No Link
POE/ACT LED (Right bi-color LED) (On N3248PXE-ON)	<ul style="list-style-type: none"> • Blinking Green (~30ms) – Activity, PoE Power Off (Activity for Non-P) • Blinking Amber (~30ms) – Activity, PoE Power On • Solid Amber – No Activity, PoE Power On • Off –No Activity, PoE Power Off

25GbE SFP28 Port LEDs:

Feature	Detailed Description
Link/SPD LED (Left bi-color LED)	<ul style="list-style-type: none"> • Off – No Link • Solid Green –Link at 25GE Speed • Solid Amber –Link at lower than 25GE Speed
ACT LED (Right bi-color LED)	<ul style="list-style-type: none"> • Off – No Activity • Blinking green (~30ms) – Activity

Stacking (QSFP28) Port LEDs:

Feature	Detailed Description
LINK/ACT LED (Bi-color LED)	<p>1st LED: Green/Amber</p> <ul style="list-style-type: none"> Solid Green = Port linked operating at max port speed, i.e. running 100GbE on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) Flash Green (~30ms) = Port Activity operating at max port speed, i.e. running 100GbE on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) Solid Amber = Port linked operating at lower speed, i.e. running 40GbE or 25GbE or 10GbE on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) Flashing Amber (~30ms) = Port Activity operating at lower speed, i.e. running 40GbE or 25GbE or 10GbE on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) Off = No link Flashing Amber with 1 sec on and 1 sec off – Port Beacon. Amber (Luminance at 1.5ft = 180+10 cd/m²) <p>All four LEDs shall be used when 4x25GbE mode or 4x10GbE mode is running on QSFP28 port.</p> <ul style="list-style-type: none"> Solid Green = 4x25GbE Link on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) Solid Amber = 4x10GbE Link on QSFP28 port. Amber (Luminance at 1.5ft = 45+5 cd/m²) Flashing (~30ms) Green = 4x25GbE Activity on QSFP28 port. Green (Luminance at 1.5ft = 45+5 cd/m²) Flashing (~30ms) Amber = 4x10GbE Activity on QSFP28 port. Amber (Luminance at 1.5ft = 45+5cd/m²) Off = No link Flashing Amber with 1 sec on and 1 sec off – Port Beacon. Amber (Luminance at 1.5ft = 180+10 cd/m²)

OOB Ethernet Port LEDs:

Feature	Detailed Description
Link/SPD LED (Left bi-color LED)	<ul style="list-style-type: none"> Off – No Link Solid green – Link on 1000Base-T Solid Amber – Link on 10/100MBase-T
ACT LED (Right single color LED)	<ul style="list-style-type: none"> Off – No Link Blinking Green (~30ms) – Activity

Console port LEDs:

Feature	Detailed Description
Link/SPD LED (Left bi-color LED)	<ul style="list-style-type: none"> Off – No Link Solid green – Link