

VN180x PON OLT Product Selection

SKU Part number		VN1808-B001	VN1808-B002	VN1803-B001	VN1803-B002	VN1802-B001	VN1802-B002	
General Description		XGS/XG/GPON combo OLT	XGS/XG/GPON OLT Stick	FTTH/POL GPON OLT	GPON OLT Stick	FTTR GPON OLT	FTTR GPON OLT	
Features	Package size	14mmx14mm	8mmx8mm	14mmx14mm	8mmx8mm	14mmx14mm	8mmx8mm	
	PON modes/Ports	GPON	Support	1	1	1	1	1
		XGPON	Support		-	-	-	-
		XGSPON	Support		-	-	-	-
		XGS/XG/GPON combo	1		-	-	-	-
		10G Cascade port	1 (N/A with Combo mode)		-	1	-	-
	Split Ratio(ONUs)	128	128	128	128	32	32	
	Interfaces& capacity	10G/2.5G(XFI/HSGMII)	1	1	1	1	1	1
		PCIe3.0 or 2*SGMII	1	-	1	-	1	-
		RGMII	1	-	1	-	1	-
	Main Functions	L2 Switching	✓	✓	✓	✓	-	-
		L2 Learning	✓	✓	✓	✓	-	-
		Multicasting	✓	✓	✓	✓	✓	✓
		IGMP Proxy	✓	✓	✓	✓	✓	✓
		DBA	✓	✓	✓	✓	✓	✓
		PON Redundancy	✓	-	✓	-	-	-
		multiple ports OLT	✓	-	✓	-	-	-
	OAM Functions	OMCI stack for FTTR	-	-	-	-	✓	✓
OMCI stack for FTTH/POL		✓	✓	✓	✓	-	-	
Sideband Management		✓	-	✓	-	-	-	
Inband Management		✓	✓	✓	✓	✓	✓	

ORDER INFORMATION

Part Number	Description	Package Info	Ambient Temperature
VN1808-B001	1-port XGS/XG/GPON OLT MAC support Combo mode	14mm x 14mm, 441-ball FCCSP, 0.65 ball pitch	-40°C – 85°C
VN1808-B002	1-port XGS/XGPON OLT MAC	8mm x 8mm, 225-ball FCCSP, 0.50 ball pitch	-40°C – 85°C
VN1803-B001	1-port GPON OLT MAC (Support >32 ONUs)	14mm x 14mm, 441-ball FCCSP, 0.65 ball pitch	-40°C – 85°C
VN1803-B002	1-port GPON OLT MAC support	8mm x 8mm, 225-ball FCCSP, 0.50 ball pitch	-40°C – 85°C
VN1802-B001	1-port GPON mini-OLT MAC (Support up to 16 or 32 ONUs)	14mm x 14mm, 441-ball FCCSP, 0.65 ball pitch	-40°C – 85°C
VN1802-B002	1-port GPON mini-OLT MAC (Support up to 16 or 32 ONUs)	8mm x 8mm, 225-ball FCCSP, 0.50 ball pitch	-40°C – 85°C