

3U Backplane Profiles*

Elma Part #
Please refer to
datasheet for full specs.

✓ PCIe Gen3
⚡ PCIe Gen 4-25G

Total # Slots

Payload Slots

Switch Slots

Peripheral Slots

Data Plane

Expansion Plane

Control Plane

Standard Backplanes

BKP3-DIS02-15.2.8-3	1OVX302CZ3-1X11R		2	1		1	1 x DFP pair	none	none
BKP3-CEN03-15.2.9-3	1OVX303QX6-1X11R		3	1		2	1 x FP star	none	none
BKP3-CEN03-15.2.9-4	1OVX303QXL-1X11	✓	3	1		2	1 x FP star	none	none
BKP3-CEN06-15.2.2-3	1OVX306UX6-1X11R		6	5	1		1 x FP star	2 x FP daisy chain	1 x UTP star
BKP3-CEN06-15.2.2x-3	1OVX306UY6-1X11R		6	5	1		1 x FP star	none	1 x UTP star
BKP3-DIS06-15.2.7-3	1OVX306AX6-1X11R		6	5	1		2 x FP twisted ring	none	2 x TP (RTM)
BKP3-DIS06-15.2.7-3	1OVX306AXK-1X11R	✓	6	5	1		2 x FP twisted ring	none	2 x TP (RTM)
BKP3-CEN06-15.2.10-2	1OVX306RX2-1X11R		6	1		5	1 x FP star / 1 x UTP Star	none	none
BKP3-CEN06-15.2.12-3	1OVX306JX3-1X11R		6	1	1	4	1 x FP star twice hierarchy	none	none
BKP3-DIS06-15.2.14-3	1OVX306SX6-1X11R		6	5	1		2 x FP twisted ring	none	2 x TP star
BKP3-CEN07-15.2.3-3	1OVX307CX3-1X11R		7	6	1		1 x FP star	none	1 x UTP star
BKP3-CEN07-15.2.3-4	1OVX307CXK-1X11	✓	7	6	1		1 x FP star	none	1 x UTP star
BKP3-CEN08-15.2.15-3	1OVX308JZ3-1X11R		8	6	2		2 x FP dual star	none	2 x UTP dual star
BKP3-CEN08-15.2.16-4	1OVX308TZL-1X11	✓	8	6	2		1 x FP star	none	2 x UTP star
BKP3-CEN09-15.2.11-3	1OVX309LZ3-1X11R		9	1		8	1 x UTP star	none	none
BKP3-CEN09-15.2.17-3	1OVX309KX6-1X11R		9	8	1		1 x FP star hierarchy	2 x FP mesh	1 x UTP star / 1 x UTP (RTM)
BKP3-CEN09-15.2.17x-3	1OVX309KY6-1X11R		9	8	1		1 x FP star hierarchy	none	1 x UTP star / 1 x UTP (RTM)
BKP3-CEN09-15.2.17x-3	1OVX309KZ6-1X11R		9	8	1		1 x FP star hierarchy	none	1 x UTP star / 1 x UTP (RTM)
BKP3-CEN09-15.2.11	1OVX309LZ3-1X11R		9	1		8	1 x UTP star	none	none
BKP3-CEN12-15.2.6-4	1OVX312DZL-1X11	✓	12	10	2		1 x FP star twice	none	1 x UPP star twice

Optical/RF Backplanes Aligned to SOSA™/CMOSS/HOST**



BKP3-CEN03-15.3.5-3	1OVX303PZ6-1X11R		3	2			1 x FP star	1 x 66.4/67.1 on 2 slots	none
BKP3-DIS05-15.3.2-1	1OVX305DX1-1X11R		5	5			4 x FP full mesh	3 RF slots	none
BKP3-TIM12-15.3.6-3**	1OVX312VZK-1X11	✓	12	9	3		UTP / FP star twice	3 x FP mesh twice	1 x UTP star twice

Storage Backplanes

BKP3-DIS03-15.2.XX-n	1OVX303QZ3-1X11R		3	2		1	1 x FP mesh	2 x SATA on 1 slot	none
BKP3-DIS05-15.2.XX-n	1OVX305RZ3-1X11R		5	2		3	1 x FP mesh	2 x SATA on 3 slots	none
BKP3-DIS06-15.2.14-3	1OVX306SXL-1X11R		6	5	1		5 x FP	none	8 x TP
Customized based on BKP6-CEN09-15.2.17)	1OVX309ZZK-1X11R		9	8	1		8 x TP	4 x TP	8 x UTP