

TriCor Flash Drives

USB Product Line

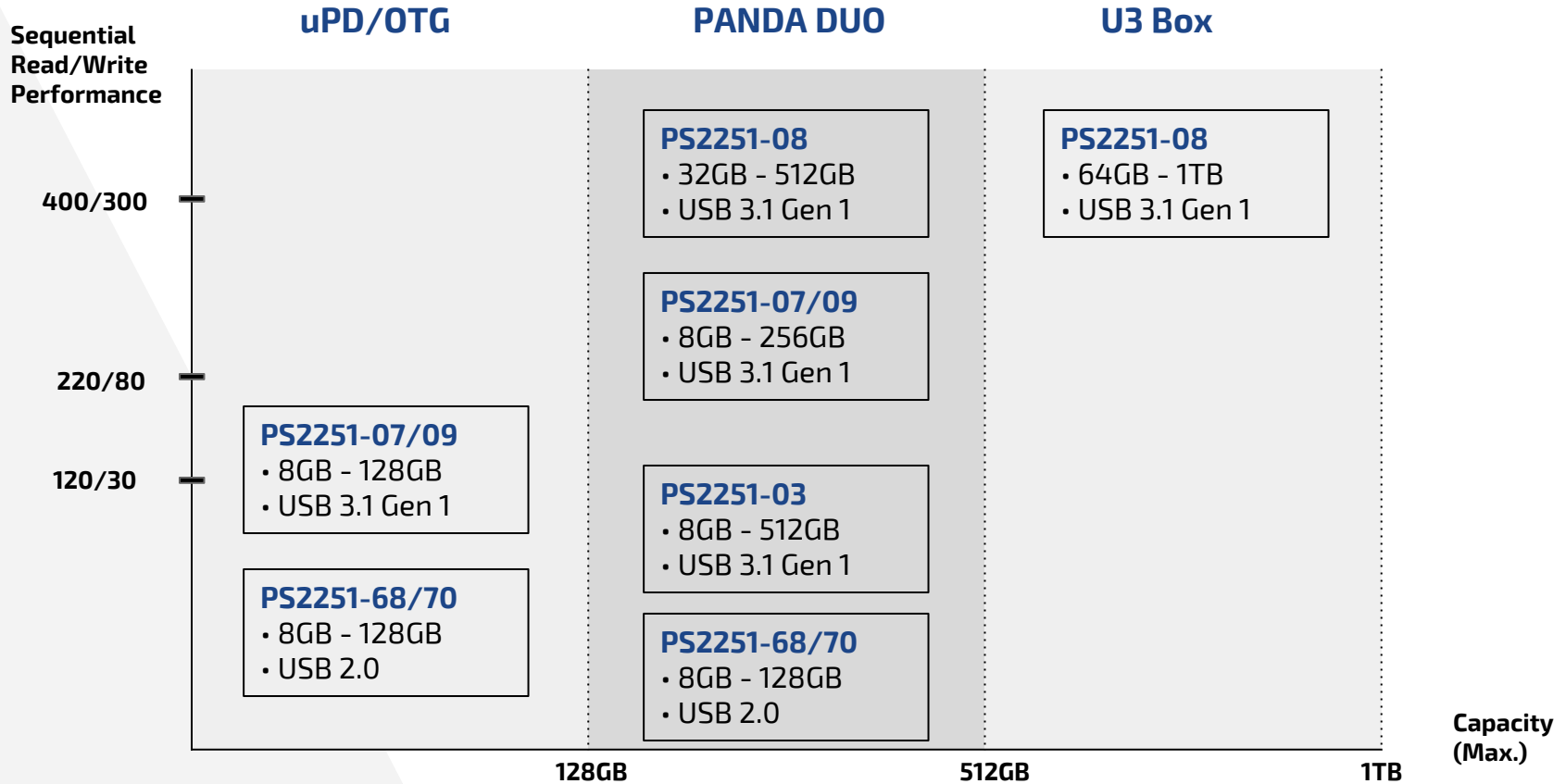
USB Flash Drives



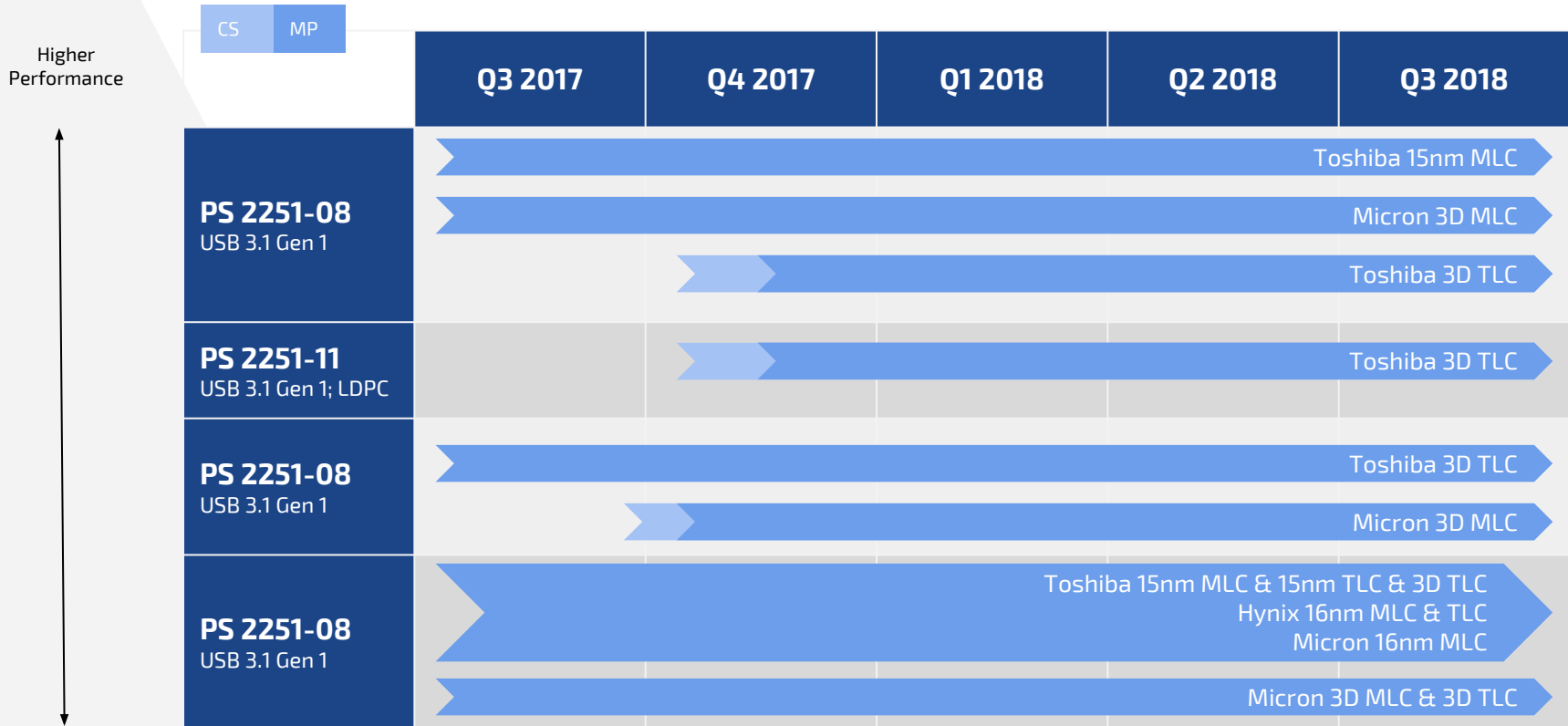
eUSB & SFM



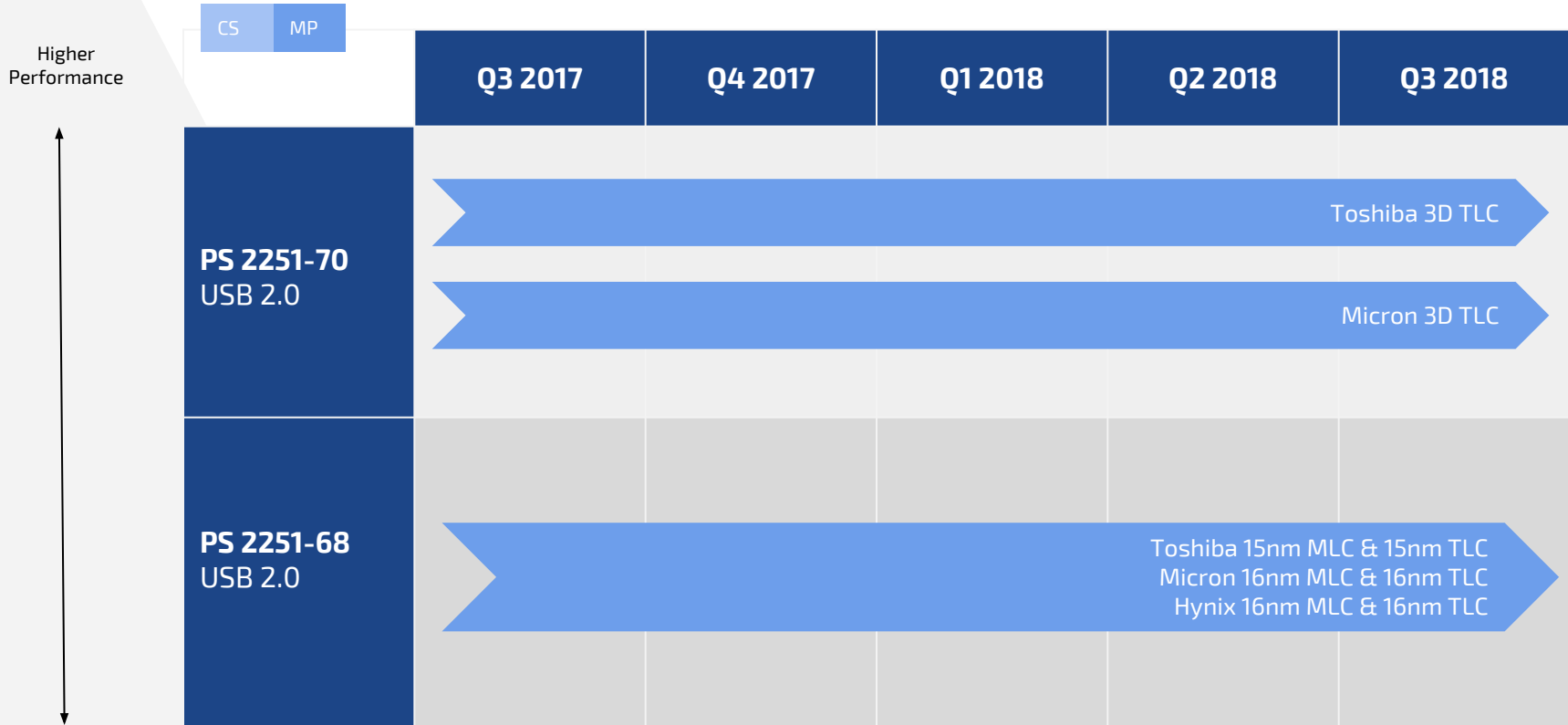
USB Product Lineup



Flash Support Schedule - USB 3.1 Gen 1 Solution



Flash Support Schedule - USB 2.0 Solution



Embedded USB Solutions

	USB Flash Module (UFM)	PenDrive (Robust)	uPenDrive (SOR Pro)
Key Feature	<ul style="list-style-type: none"> • Supports mounting hole for embedded operating system • Pin pitch 2.0 	<ul style="list-style-type: none"> • Robust metal housing for rigged environment and ESD protection • USB3.0 interface delivers fast data transmission and complies with USB1.0/2.0/3.0 	<ul style="list-style-type: none"> • Attractive small form factor with wide capacity and temp. support • Metal housing to enhance ESD protection
L x W x H	26.8 x 37.9 x 9.3 mm	18.6 x 55.8 x 9.6 mm	12.3 x 32.7 x 4.6 mm
Interface (Controller)	USB 2.0 (PS2251-03)	USB 3.0 (PS2251-03)	USB 3.0 (PS2251-03)
Capacity	MLC: 4~32GB pSLC: 2~16GB SLC: 1~32GB	MLC: 4~32GB pSLC: 2~16GB SLC: 1~32GB	MLC: 4~32GB pSLC: 2~16GB SLC: 128MB-8GB
Performance	Up to 30/24 MB/s	Up to 190/125 MB/s	Up to 190/85 MB/s
Crystal Enhanced Compatibility	✓	✓	✓
SMART Tool	✓	✓	✓
Application	Black box, Embedded, Automation	Military, Automation	Medical, Network, Telecommunication
OP Temp	Industrial Diamond Grade: -40 ~ 85°C Silver / Commercial		Gold Grade: -25 ~ 85° to Commercial Grade: 0 ~ 70°C

Embedded USB Roadmap & Flash Support

	H1 2017	H2 2017	H1 2018	H2 2018	H1 2019
Embedded USB PS2251-03	PS2251-03 + 15nm MLC/pSLC Form Factor: UFM/PD/uPD		Capacity: 2~128GB Up to 190/125 MB/s 1 ECC: 72-Bit BCH		
	PS2251-03 + 24nm SLC Form Factor: UFM/PD/uPD		Capacity: 128MB~32GB Up to 170/120 MB/s 1 ECC: 72-Bit BCH		
Embedded USB PS2251-11 with Enhanced ECC				PS2251-03 + 24nm SLC Form Factor: UFM/PD/uPD Capacity: 32~256GB Up to TBD ECC: LDPC	

Ready → Supply by Forecast