

STORM/HDSPARK Comparison Guide



	STORM 3G Elite	STORM 3G	STORM Mobile (BOB)	STORM Mobile (Bay)	HDSPARK Pro	HDSPARK
Form factor	Breakout box	PCIe board	Breakout box	Bay + PCIe board	PCIe board	PCIe board
Host connection	PCI Express x4 or ExpressCard/34	PCI Express x4	PCI Express x1 or ExpressCard/34	PCI Express x1	PCI Express x1	PCI Express x1
Host PC	Desktop/laptop	Desktop	Desktop /laptop	Desktop	Desktop	Desktop
Hardware encoder	Yes (HQ)	—	—	—	—	—
3G SDI support	Yes	Yes	—	—	—	—
10-bit I/O	Yes	Yes	—	—	—	—
1080p50/60 support	Yes (PCI Express x4 only)	Yes	—	—	—	—
Hardware real-time downconversion	Yes	—	Yes	Yes	—	—
Full duplex architecture	Yes	Yes	—	—	—	—
Video In						
HD/SD-SDI	2 (3G)	1 (3G)	—	—	—	—
HDMI	1	—	1	1	—	—
HD/SD component	1	—	1	1	—	—
S-Video	—	—	1 (common connector with component)	1 (common connector with component)	—	—
Composite	1	—	1	1	—	—
Video Out						
HD/SD-SDI	2 (3G)	1 (3G)	—	—	1	—
HDMI	1	1	1	1	—	1
HD/SD component	1	—	1	1	—	—
S-Video	—	—	1 (common connector with component)	1 (common connector with component)	—	—
Composite	1	—	1	1	—	—

	STORM 3G Elite	STORM 3G	STORM Mobile (BOB)	STORM Mobile (Bay)	HDSPARK Pro	HDSPARK
Audio In						
SDI embedded audio	8-channel	8-channel	—	—	—	—
AES/EBU audio	8-channel	—	—	—	—	—
HDMI embedded audio	8-channel	—	8-channel	8-channel	—	—
Balanced audio	4-channel	—	—	—	—	—
Unbalanced audio (RCA pin)	—	—	2-channel	2-channel	—	—
Voiceover in	1 (phantom power available)	—	—	—	—	—
Audio Out						
SDI embedded audio	8-channel	8-channel	—	—	8-channel	—
AES/EBU audio	8-channel	—	—	—	2-channel	—
HDMI embedded audio	8-channel	8-channel	8-channel	8-channel	—	8-channel
Balanced audio	4-channel	—	—	—	—	—
Unbalanced audio (RCA pin)	—	—	2-channel	2-channel	2-channel	2-channel
Monitor audio out	2-channel balanced/ 2-channel unbalanced	—	—	—	—	—
Headphone	1	—	1 (stereo mini jack)	1 (stereo mini jack)	—	—
Others						
REF	1 in/1 out	1 in 2 out (with option)*	—	—	—	—
LTC	1 in/1 out	1 in (Option)	—	—	—	—
RS-422	2	1	—	—	—	—

* Main board has 1 REF input but no output. Optional daughter card has 1 LTC in and 2 REF outs.

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