FifoPi Q7, FifoPiQ3 and FifoPiMa cross reference

Comparison	FifoPi Ma	FifoPi Q3	FifoPi Q7
Key features	High performance competitive price	Advanced	Flagship
Mode	Master	SYNC	SYNC
Low jiter MCLK output	Yes	Yes	Yes
Engine Architecture	N/A	16 bits	32 bits
FIFO Memory	None	64Mbit	64Mbit
I2S/DSD Re-clocker	2 stages low noise discrete one-bit re-clockers	1 stage multi-bits re-clocker	3 stages low noise discrete one-bit re-clockers
Built-in Isolator	None	Yes, with integrated isolator	Yes, with low noise discrete isolators for the best possible isolation performance
Ouput signal quality	ultra low noise, almost perfect signal quality	Signal quality is great but still has chance to improve by installing a ReClockPi	ultra low noise with isolation, almost perfect signal quality
PCM input/output	384KHz	768KHz	768KHz
DSD input/output	DSD 128 output only	DSD1024	DSD1024
DoP input/output	DoP Decode/pass through	DoP Decode/pass through	DoP Decode/pass through
Linux driver	Need	No Need	No Need
XO sockets	Yes, upgradable	Yes, upgradable/swappable	Yes, upgradable/swappable
Work with RPi	Yes	Yes	Yes
Work USB	No	Yes	Yes
Work with ReceiverPi for S/PDIF HDMI as input	No	Yes	Yes
Work with StationPi Pro Controller	No	Yes	Yes
Support MonitorPi as Controller	No	NO	Yes

Comparison	FifoPi Ma	FifoPi Q3	FifoPi Q7
GPIO OLED controller	Works with MonitorPi but no control function	External controller of Works with MonitorPi but no control function	Yes, Works with MonitorPi for both control and monitoring functions, Also works with StationPi Pro Touch screen as controller
Continuous clock mode	Yes	No	Yes, Advanced continuous clock mode for both PCM and DSD
Clean Side power supply	3.3V /Ultracapacitor/battery	Isolated 3.3V /Ultracapacitor/battery	Isolated 3.3V /Ultracapacitor/battery
XO frequencies support (MHz)	22/24, 45/49	5.6/6.1,11/12,22/24,45/49,90/98	5.6/6.x,11/12,22/24,45/49,90/99
Delay Time	No delay	fixed 0.2s delay time for all Fs	Programmable delay time between 0.1s - 1s
Work with SinePi	Yes	Yes	Yes
16bit to 32bit lossless convertor	Yes (V1.5 or higher)	Yes	Yes
Bit-perfect	Bit-perfect	Bit-perfect	Bit-perfect
Size and dimension	Same and compatible	Same and compatible	Same and compatible
Price	Lower	Higher	Even higher