



CrystalFontz America

Intelligent LCD Module Comparison

CFA632



CFA634



CFA533



CFA631



CFA633



CFA635



CFA735



CFA835



CFA039A0NVD



XES635



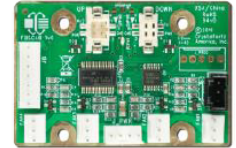
Feature	CFA632	CFA634	CFA533	CFA631	CFA633	CFA635	CFA735	CFA835	CFA039A0NVD	XES635
Host Interfaces	USB, RS232 I2C, SPI	USB, RS232 I2C, SPI	USB, Serial, RS232, I2C	USB, I2C	USB, Serial, RS232	USB, Serial, RS232	USB, Serial, RS232	USB, Serial, RS232 I2C, SPI	USB, I2C, SPI, UART	USB
Layout & LCD Type	16x2 Character	20x4 Character	16x2 Character	20x2 Character	16x2 Character	20x4 Character	20x4 Character	244x68 Graphic w/Grayscale	480x128 Full Color TFT LCD	20x4 Character
Voltage Supply	5v	5v	3.3-5v	5v	5v	5v	3.3-5.5v	3.3-5.5v	2.5-5.5v	5v
Color Options	2	4	3	2	4	3	3	3	1	3
Color Depth	1	1	1	1	1	1	1	32 Grayscale	16.7 million	3
Keypad	No ✗	No ✗	6-Buttons ✓	4-Buttons ✓	6-Buttons ✓	6-Buttons ✓	6-Buttons ✓	6-Buttons ✓	6 RGB-Buttons ✓	6-Buttons ✓
Packet Based Communication w/error checking	No ✗	No ✗	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓
User Controlled GPIOs w/PWM	0 ✗	0 ✗	5 ✓	5 ✓	5 ✓	5 ✓	5 ✓	13 ✓	13 ✓	0 ✗
User non-volatile memory	No ✗	No ✗	16-Bytes ✓	16-Bytes ✓	16-Bytes ✓	16-Bytes ✓	16-Bytes ✓	124-Bytes ✓	128-MBits ✓	16-Bytes ✓
PC ATX Power Control	No ✗	No ✗	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	No ✗
Temperature Monitoring	No ✗	No ✗	32 Sensors ✓	32 Sensors ✓	32 Sensors ✓	16 w/FBSCAB ✓	16 w/FBSCAB ✓	128 w/8 FBSCABS ✓	512 w/32 FBSCABS ✓	No ✗
Drive Bay Mount Available	No ✗	No ✗	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	No ✗	No ✗
1RU (Rack Unit) Compatible	No ✗	No ✗	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓	No ✗
12v Fan Control / Monitoring	No ✗	No ✗	No ✗	4 w/SCAB ✓	4 ✓	4 w/FBSCAB ✓	4 w/FBSCAB ✓	32 w/8 FBSCABS ✓	128 w/32 FBSCABS ✓	No ✗
Bi-Color Dimmable Status LEDs	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓	Yes ✓	Yes ✓	RGB ✓	Yes ✓
User Upgradable Firmware	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓	Yes ✓	Yes ✓	Yes ✓	Yes ✓
Custom Graphics Support	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓	Yes ✓	No ✗
MicroSD Support for Files and Graphics	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓	Yes ✓	No ✗
Analog Voltage Inputs (ADC)	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	2 ✓	2 ✓	No ✗
Closed-Loop Fan Control	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓	No ✗	No ✗
Optional Touch Screen	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓	No ✗
Steel Enclosure	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	No ✗	Yes ✓

Expansion Modules



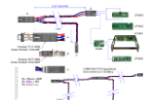
SCAB

System Cooling
Accessory Board
Adds fan and temperature cooling functions to our USB CFA631 series



CFAFBSCAB

Adds the same fan and temperature cooling functions to our CFA735, CFA835, CFA039A0NVD Series and CFA635 V1.5.



Temperature Monitoring

Temperature monitoring requires the use of a temperature sensor that is not included. Our part number for the 1-Wire temperature sensor is WR-DOW-Y17.

Contact Us

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