

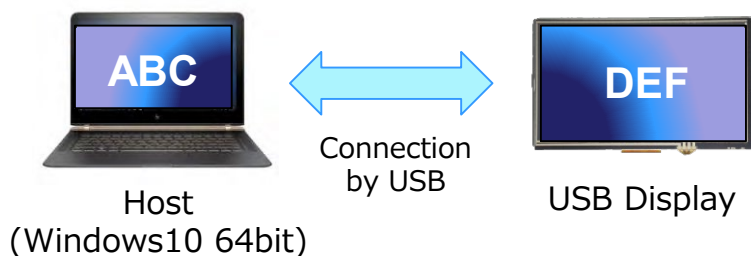
TFT-LCD Module

USB Display : LC070HA series

The touch controllable display module suitable for embedded applications connected to personal computer with Windows 10.

■ Features

-Expansion of the display is possible only with USB.



-Available as a main display as well.

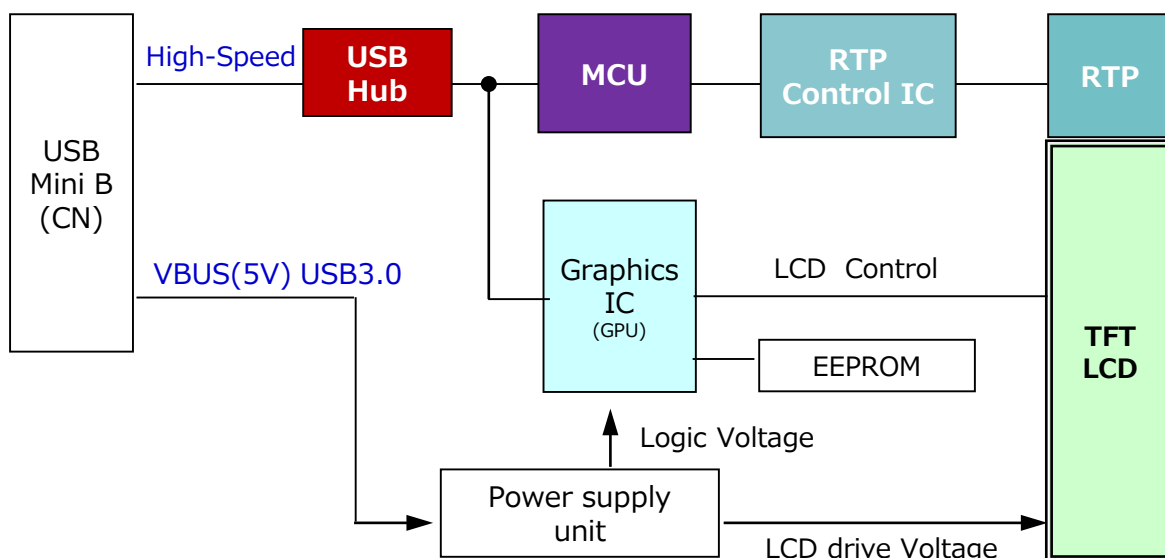
-Driving is possible with bus power(USB 3.0).

-The touch panel (single touch) interface supports the Windows standard driver USB-HID class.

-Display is possible by simply installing the dedicated driver for a graphic IC.

-Suitable for industrial application due to wide operating temperature range and high reliability

■ Block diagram



<Contact>

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USB Display : LC070HA series

■ Specifications

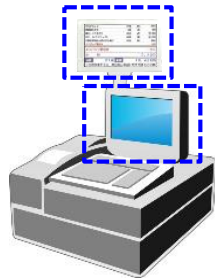
Part number		LC070HA1RA
LCD panel	Display specification	7.0inch Full color (65,536 colors)
	Pixels [dot]	800×480 (WVGA)
	Active area [W×H mm]	154.08×85.92
	Luminance [cd/m ²]	430
	Viewing angles [deg]	Bottom=60, Top=60, Left=70, Right=70
	Backlight type	LED
	LED lifetime [h] ※1	Min.20,000
Touch panel ※2	Type	Resistive
	Active area [W×H mm]	155.08×86.92
	Surface durability [touches]	1,000,000
	Surface hardness	3H
Support OS		Windows 10 Pro 64bit
Interface		USB 3.0 (High-Speed)
Supply voltage [V]		5.0
Power consumption [W]		4.75 (max.)
Operating temperature [°C]		0~+70
Storage temperature [°C]		-30~+80
Operating temperature [%RH] no condensation		10~80
Storage temperature [%RH] no condensation		10~90
Outer dimensions W×H [mm]		167.0 × 102.3
Weight [g]		Approx. 330

※1: LED lifetime = The hours for the luminance to decrease to 50% of original measured brightness at Ta = 25°C.

※2 : Please let us have a separate consultation if you need a capacitive touch panel.

■ Application example

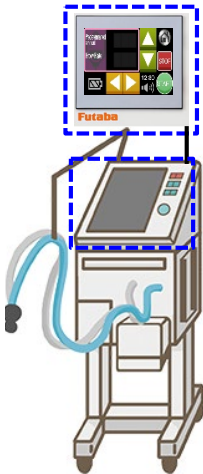
- POS
- Measuring instrument
- Medical equipment
- Guide display
- FA machine etc.



POS



Guide display

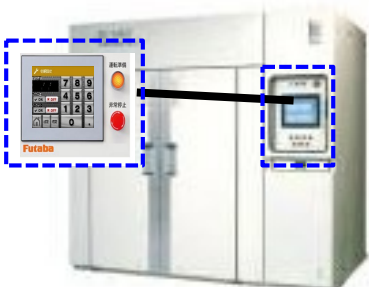


Medical equipment



Measuring instrument

USB display



FA machine

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