

## Performance specifications

Item		Specifications				
		GT2512-STBA GT2512-STBD	GT2510-VTBA GT2510-VTBD	GT2510-VTWA GT2510-VTWD	GT2508-VTBA GT2508-VTBD	GT2508-VTWA GT2508-VTWD
Display section *1 *2	Display device	TFT color LCD				
	Screen size	12.1"	10.4"		8.4"	
	Resolution	SVGA: 800×600 dots		VGA: 640×480 dots		
	Display size	246(9.685)(W)×184.5(7.264)(H) mm(inch)		211.2(8.315)(W)×158.4(6.236)(H) mm(inch)		170.9(6.728)(W) x 128.2(5.047)(H) mm(inch)
	Number of characters	16-dot standard font: 50 chars x 37 lines (2-byte) 12-dot standard font: 66 chars. x 50 lines (2-byte)		16-dot standard font: 40 chars. x 30 lines (2-byte) 12-dot standard font: 53 chars. x 40 lines (2-byte)		
	Display color	65536 colors				
	Intensity adjustment	32-level adjustment				
	Backlight	LED (not replaceable)				
	Backlight life *4	Approx. 60000 hours (Time for display intensity reaches 50% at ambient temperature of 25°C)				
Touch panel *3	Type	Analog resistive film				
	Key size	Minimum 2 × 2 dots (per key)				
	Simultaneous press	Simultaneous press prohibited *5 (only 1 point can be pressed)				
	Life	1 million times or more (operating force 0.98N or less)				
User memory	User memory capacity	Memory for storage (ROM): 32MB Memory for operation (RAM): 80MB				
	Life (No. of writings)	100000 times				
Internal clock accuracy		±90 sec/month (ambient temperature 25°C)				
Battery	GT11-50BAT lithium battery					
	Life	Approx. 5 years (ambient temperature 25°C)				
Built-in interface	RS-232	1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: D-sub 9-pin (male)				
	RS-422/485	1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: D-sub 9-pin (female)				
	Ethernet	1ch Data transfer method: 10BASE-T/100BASE-TX Connector shape: RJ-45 (modular jack)				
	USB (host)	2ch (front face/rear face)	2ch (front face/rear face)	1ch (rear face)	2ch (front face/rear face)	1ch (rear face)
		Maximum transfer speed: High-Speed 480Mbps Connector shape: USB-A				
	USB (device)	1ch (front face)	1ch (front face)	1ch (rear face)	1ch (front face)	1ch (rear face)
		Maximum transfer speed: High-Speed 480Mbps Connector shape: USB Mini-B				
	SD card	1ch SDHC compliant (maximum 32GB)				
Extension interface	For communication unit/option unit mounting					
Side interface	For communication unit mounting					
Buzzer output		Single tone (tone, tone length adjustable)				
POWER LED		Emission color: 2 colors (blue, orange)				
Protective structure		Front: IP67F *6 In control panel: IP2X				
External dimensions		316(12.44)(W)×246(9.69)(H) ×52(2.05)(D) mm(inch)	303(11.93)(W)×218(8.58)(H)×52(2.05)(D) mm(inch)		241(9.49)(W)×194(7.64)(H)×52(2.05)(D) mm(inch)	
Panel cutting dimensions		302(11.89)(W)×228(8.98)(H) mm(inch)	289(11.38)(W)×200(7.87)(H) mm(inch)		227(8.94)(W)×176(6.93)(H) mm(inch)	
Weight (excl. mounting brackets)		2.4kg	2.1kg		1.5kg	
Compatible software package		GT Designer3 Version1.122C or later				