

Performance specifications

Item	Specification								
	GT1595-VTBA GT1595-VTBD	GT1585V-STBA GT1585V-STBD GT1585-STBA GT1585-STBD	GT1575V-STBA GT1575V-STBD GT1575-STBA GT1575-STBD	GT1575-VTBA GT1575-VTBD	GT1575-VNBA GT1575-VNBD	GT1572-VNBA GT1572-VNBD	GT1565-VTBA GT1565-VTBD	GT1562-VNBA GT1562-VNBD	
Display *1	Type	TFT color LCD (high-brightness, wide viewing angle)			TFT color LCD		TFT color LCD (high-brightness, wide viewing angle)	TFT color LCD	
	Screen size	15"	12.1"	10.4"			8.4"		
	Resolution	XGA: 1024 × 768 [dots]	SVGA: 800 × 600 [dots]		VGA: 640 × 480 [dots]				
	Display size	304.1(W) × 228.1(H) [mm]	246(W) × 184.5(H) [mm]	211(W) × 158(H) [mm]			171(W) × 128(H) [mm]		
	No. of displayed characters	16-dot standard font: 64 chars. × 48 lines (2-byte) 12-dot standard font: 85 chars. × 64 lines (2-byte)	16-dot standard font: 50 chars. × 37 lines (2-byte) 12-dot standard font: 66 chars. × 50 lines (2-byte)		16-dot standard font: 40 chars. × 30 lines (2-byte) 12-dot standard font: 53 chars. × 40 lines (2-byte)				
	Display colors	65,536 colors			256 colors	16 colors	65,536 colors	16 colors	
	View angle*3	Right/left: 75°, Up: 50°, Down: 60°	GT1585V Right/left: 60°, Up: 40°, Down: 50° GT1585 Right/left: 65°, Up: 45°, Down: 55°	Right/left/up/down: 85°		Right/left: 45°, Up: 30°, Down: 20°	Right/left: 65°, Up: 50°, Down: 60°	Right/left: 45°, Up: 20°, Down: 20°	
	Contrast adjustment	-							
	Intensity	450 [cd/m ²]	GT1585V: 350 [cd/m ²] GT1585: 400 [cd/m ²]	400 [cd/m ²]	380 [cd/m ²]	200 [cd/m ²]		380 [cd/m ²]	150 [cd/m ²]
	Intensity adjustment	8-step adjustment			4-step adjustment		8-step adjustment	4-step adjustment	
Life	Approx. 52,000 hours (operating ambient temperature: 25°C)	Approx. 50,000 hours (operating ambient temperature: 25°C)		Approx. 41,000 hours (operating ambient temperature: 25°C)					
Backlight	Cold-cathode fluorescent tube (replaceable), with backlight OFF detection function. Backlight off time and screen save time can be set.								
Life*4	Approx. 50,000 hours or more		Approx. 40,000 hours or more (Time for display intensity reaches 50% at operating ambient temperature of 25°C)						
Touch panel *9	Type	Analog resistive type	Matrix resistive type						
	No. of touch keys	-	1900 keys/screen (38 lines × 50 columns)	1200 keys/screen (30 lines × 40 columns)					
	Key size	Min. 2 × 2 [dots] (per key)	Min. 16 × 16 [dots] (per key) (16 × 8 only on lowermost line)		Min. 16 × 16 [dots] (per key)				
	No. of simultaneous touch points	Simultaneous touch prohibited*5 (1 point only)	Max. 2 points						
	Life	1,000,000 times or more (operating force 0.98N or less)*10							
Human sensor	Detection distance	1 [m]		-					
	Detection range	Right/left/up/down: 70°		-					
	Detection delay time	0 to 4 [sec]		-					
	Detection temperature	Temperature difference to be 4°C or more between human body and ambient air		-					
Memory *6	C drive	9MB built-in flash memory (for saving project data and OS)			5MB built-in flash memory (for saving project data and OS)		9MB built-in flash memory (for saving project data and OS)	5MB built-in flash memory (for saving project data and OS)	
	Life (No. of writings)	100,000 times							
Battery	GT15-BAT type lithium battery (optional)								
	Backed up data	Clock data and maintenance time notification data							
Life	Approx. 5 years (operating ambient temperature: 25°C)								
Built-in interface	RS-232*8	RS-232, 1ch Transmission speed: 115200/57600/38400/19200/9600/4800bps Connector shape: D-sub 9-pin (male) Application: Communication with connected devices, connection to personal computer (project data read/write, OS installation, FA transparent function)							
	USB	USB (full-speed 12Mbps), device 1ch Connector shape: Mini-B Application: Connection to personal computer (project data read/write, OS installation, FA transparent function)							
	CF card	Compact flash slot, 1ch Connector shape: TYPE I Application: Data transfer, data storage, GOT startup FAT16 format: max. 2GB, FAT32 format: not usable							
	Optional function board	1ch for optional function board installation							
	Extension unit*8	2ch for communication unit/optional unit installation							
Buzzer output	Single tone (tone length adjustable)								
Protective construction	Front: IP67*7 In panel: IP2X								
External dimensions (without USB port cover)	397(W) × 296(H) × 61(D) [mm]	316(W) × 242(H) × 52(D) [mm]	303(W) × 214(H) × 49(D) [mm]			241(W) × 190(H) × 52(D) [mm]			
Panel cut dimensions	383.5(W) × 282.5(H) [mm]	302(W) × 228(H) [mm]	289(W) × 200(H) [mm]			227(W) × 176(H) [mm]			
Weight (excl. mounting brackets)	5.0 [kg]	2.8 [kg]	GT1575V: 2.3 [kg] GT1575: 2.4 [kg]	2.4 [kg]	2.3 [kg]		1.9 [kg]		
Applicable software package	GT Works3 Version1.31H or later								