TOSHIBA

Business Display Solutions

TOSHIBA

TD-E3(E) series

16 HOURS

65"
55"
49"
43"
32"
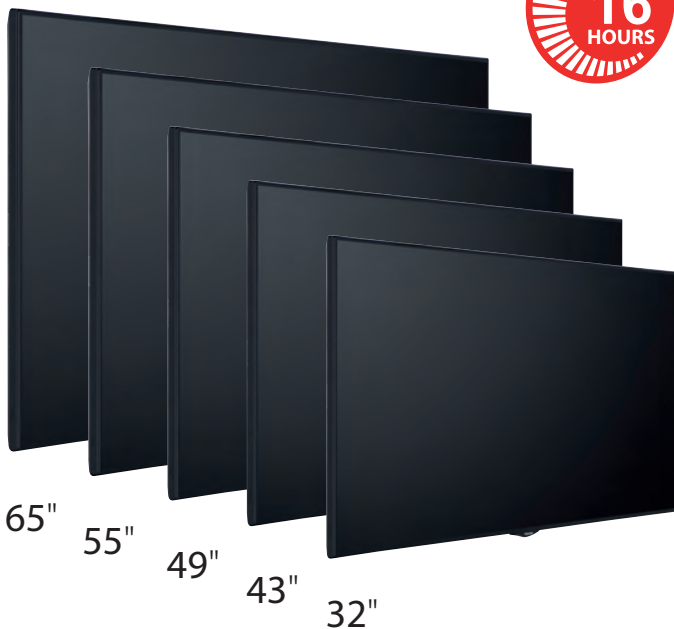
Bright, professional signage that works hard all day

Share information throughout the working day in total clarity. Perfect for the corporate, education, retail and travel sectors, TD-E3 models are robustly built to run 16 hours and beyond, seven days a week. Our displays look great in portrait or landscape orientation, offering superior picture quality in a variety of sizes. Toshiba's hidden built-in USB port* offers tamper-proof automatic playback of your audio/visuals/images, with multi-codec support. Packed with features and designed to impress the end user, displays are fully customisable.

Features
- 16/7 usage
- Full HD (65" = 4K Ultra HD)
- Landscape/portrait orientation
- OPS slot
- Embedded USB player & scheduler
- Embedded signage with built-in memory option (TD-E3E derivative model)
- Optional touchscreen available

16/7 SOLUTION   MULTI LAYOUT PORTRAIT & LANDSCAPE   SCREEN TILING   EXTERNAL CONTROL   OPS SLOT   EMBEDDED SIGNAGE
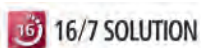
*TD-E323(E) does not have a hidden built-in USB port.

TD-E3(E) series - 16/7 signage

TOSHIBA

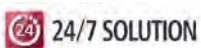|		TD-E323(E)	TD-E433(E)	TD-E493(E)	TD-E553(E)	TD-E653(E)
Screen	Diagonal Screen Size (cm/inch)	81cm/32"	109cm/43"	124cm/49"	140cm/55"	165cm/65"
	Recommended Maximum Daily Usage (Hours)	16/7	16/7	16/7	16/7	16/7
	Portrait Mode	Yes	Yes	Yes	Yes	Yes
	Visible Area (H x V)	698.4mm (H) x 392.85mm (V)	941.184mm (H) x 529.416mm (V)	1073.78mm (H) x 604.0mm (V)	1209.6mm (H) x 680mm (V)	1428.48mm (H) x 803.52mm (V)
	Panel Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
	Panel Technology	IPS	IPS	IPS	IPS	VA
	Viewing Angle (º)	178º	178º	178º	178º	178º
	Brightness (cd/m²)	400	400	400	400	400
	Native Contrast (number)	1400	1100	1200	1200	4000
	Response Time (G to G) (ms)	8.5	8	9	9	6.5
	UHD 4K (2160p)	-	-	-	-	Yes
Inputs	HDMI	2	1	1	1	1
	HDMI Support Type	1.4	1.4	1.4	1.4	2.0
	DisplayPort	-	1	1	1	1
	DisplayPort Support Type	-	1.0/1.2a	1.0/1.2a	1.0/1.2a	1.0/1.2a
	DVI	-	1	1	1	1
	Analogue D-SUB	1	1	1	1	1
	Component	Yes (shared)	Yes (shared)	Yes (shared)	Yes (shared)	Yes (shared)
	Composite	Yes (shared)	Yes (shared)	Yes (shared)	Yes (shared)	Yes (shared)
	USB	2	3	3	3	3
	USB Support Type	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music	Photo/Video/MP3
	Lockable USB	No	Yes	Yes	Yes	Yes
	RS232: DSUB	Yes	Yes	Yes	Yes	Yes
	LAN: RJ45	Yes	Yes	Yes	Yes	Yes
	Remote Extender	Yes	Yes	Yes	Yes	Yes
	OPS Slot	Yes	Yes	Yes	Yes	Yes
Supported Input Resolutions	HDMI	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
	DisplayPort	-	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
	VGA (D-Sub)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Outputs	DisplayPort	-	1	1	1	1
	Speakers	8W + 8W	8W + 8W	8W + 8W	8W + 8W	10W + 10W
	Digital Out	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial
Tiling	Multi-screen (Zoom up)	Yes	Yes	Yes	Yes	Yes
	Daisy Chain DVI	-	-	-	-	-
	Daisy Chain DisplayPort	-	Yes	Yes	Yes	Yes
	UHD Daisychaining	-	Yes	Yes	Yes	Yes
	Tiling Matrix (x,y)	Yes	Yes	Yes	Yes	Yes
	Monitor ID Setting	Yes	Yes	Yes	Yes	Yes
External Control/ Monitoring	RS232/LAN	Yes	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes	Yes
Other Features	Power On Delay	Yes	Yes	Yes	Yes	Yes
	OSD Rotation	Yes	Yes	Yes	Yes	Yes
	No Signal Power Off	Yes	Yes	Yes	Yes	Yes
	Scheduler/Playlist	Yes	Yes	Yes	Yes	Yes
	Embedded USB Player	Yes	Yes	Yes	Yes	Yes
	RTC (Real Time Clock)	Yes	Yes	Yes	Yes	Yes
	Failover	Yes	Yes	Yes	Yes	Yes
	Picture Shift	Yes	Yes	Yes	Yes	Yes
	Picture Calibration	Yes	Yes	Yes	Yes	Yes
	Panel Lock	Yes	Yes	Yes	Yes	Yes
	Lockable USB	No	Yes	Yes	Yes	Yes
	Built-in WiFi	No	Yes	Yes	Yes	Yes
	Open Browser	Yes	Yes	Yes	Yes	Yes
	Wireless Display	No	Yes	Yes	Yes	Yes
	Embedded Signage	Yes (TD-E323E model only)	Yes (TD-E433E model only)	Yes (TD-E493E model only)	Yes (TD-E553E model only)	Yes (TD-E653E model only)
	Built-in Memory	Yes (TD-E323E model only)*	Yes (TD-E433E model only)	Yes (TD-E493E model only)	Yes (TD-E553E model only)	Yes (TD-E653E model only)
	Scheduler/Playlist	Yes	Yes	Yes	Yes	Yes
	HDMI Wake Up	Yes	Yes	Yes	Yes	Yes
	Ingress Protection	IP20/IP20	IP40/IP20	IP40/IP20	IP40/IP20	IP40/IP20
Power Supply	Input	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz
	Active Consumption	60W / 600mA	84W / 900mA	105W / 1.05A	111W / 1.1A	128W / 1.3A
	Standby Consumption	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
	Mains Plug Type	EU + UK	EU + UK	EU + UK	EU + UK	EU + UK
Operation	Operating Temperature	0 to +40	0 to +40	0 to +40	0 to +40	0 to +40
	Operating Humidity	0 - 90 %	0 - 90 %	0 - 90 %	0 - 90 %	0 - 90 %
Dimensions	Width (mm)	724.4	965.5	1101.7	1238.2	1459.4
	Width Bezel (mm)	10 mm (L/R/T), 14 mm (B)	5.9 mm (L/R/T), 9.5 mm (B)	6.8mm (L/R/T), 10.4mm (B)	7.0 mm (L/R/T), 10.3mm (B)	10.4 mm (L/R/T), 13.6mm (B)
	Height (mm)	424.2	557.3	634.6	711.8	841.2
	Depth (mm)	26	81.3	80.8	81.1	72
	Depth (mm) - including OPS slot	66	105.8	104.2	103.8	95.7
	Weight (kg)	9.5	105	13.5	17.5	26
	Packed Width (mm)	915	1077	1182	1361	1607
	Packed Depth (mm)	154	129	132	139	177
	Packed Height (mm)	585	764	749	847	980
	Packed Weight (kg)	13	14.5	17.5	22	33.5
	VESA - W x H (mm)	200 x 200 (M6)	200 x 200 (M6)	200 x 200 (M6)	400 x 200 (M6)	400 x 400 (M6)

* Via USB accessory.

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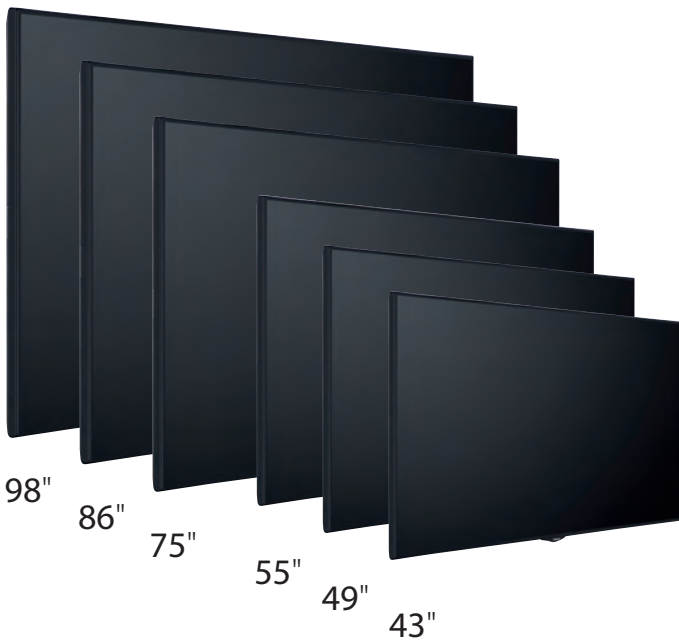
Robust, engaging signage that works day and night to promote your organisation

TD-P3(E) series

Toshiba's TD-P3(E) series offers clear, professional 24/7 playback of your content, without the need for an external media player. Thanks to our secure embedded USB, your audio/visual/images will convey your messages around the clock - with auto playback, multi-codec support and, for your peace of mind, failover playback in the absence of an input signal. Designed with the end user in mind, TD-P3(E) series is impressively customisable, with tiling and connectivity options for multiscreen displays.

98"
86"
75"
55"
49"
43"

Features
- 24/7 usage
- Full HD (43" 49" 55")
- 4K Ultra HD (75" 86" 98")
- Landscape/portrait orientation
- OPS slot
- Embedded USB player & scheduler
- Embedded signage with built-in memory option (TD-P3E model)
- Optional touchscreen available (43" 49" 55")

(TD-P3E)

24/7 SOLUTION   MULTI LAYOUT PORTRAIT & LANDSCAPE   SCREEN TILING   EXTERNAL CONTROL   OPS SLOT   EMBEDDED SIGNAGE

TD-P3(E) series - 24/7 signage

TOSHIBA

		TD-P433(E)	TD-P493(E)	TD-P553(E)	TD-P753E	TD-P863E	TD-P983E
Screen	Diagonal Screen Size (cm/inch)	109cm/43"	124cm/49"	140cm/55"	191cm/75"	217cm/86"	249cm/98"
	Recommended Maximum Daily Usage (Hours)	24/7	24/7	24/7	24/7	24/7	24/7
	Portrait Mode	Yes	Yes	Yes	Yes	Yes	Yes
	Visible Area (H x V)	941.184mm(H) x 529.416mm(V)	1073.78mm(H) x 604.0mm(V)	1209.6mm(H) x 680.4625mm(V)	1675.2mm(H) x 953.6mm (V)	1895.04mm (H) x 1065.96mm (V)	2158.848mm (H) x 1214.352mm (V)
	Panel Resolution	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
	Panel Technology	IPS	IPS	IPS	IPS	IPS	SVA
	Viewing Angle (º)	178 L/R 178 U/D	178 L/R 178 U/D	178 L/R 178 U/D	178 L/R 178 U/D	178 L/R 178 U/D	178 L/R 178 U/D
	Brightness (cd/m²)	400	400	400	600	500	500
	Native Contrast (number)	1000	1000	1000	1200	1200	4000
	Response Time (G to G) (ms)	12	12	6	8	8	6
	UHD 4K (2160p)	-	-	-	Yes	Yes	Yes
Inputs	HDMI	1	1	1	1	1	1
	HDMI Support Type	1.4	1.4	1.4	2.0	2.0	2.0
	DisplayPort	1	1	1	1	1	1
	DisplayPort Support Type	1.0/1.2a	1.0/1.2a	1.0/1.2a	1.0/1.2a	1.0/1.2a	1.0/1.2a
	DVI	1	1	1	1	1	1
	Analogue D-SUB	1	1	1	1	1	1
	Component	Yes (combined)	Yes (combined)	Yes (combined)	Yes (combined)	Yes (combined)	Yes (combined)
	Composite	Yes (combined)	Yes (combined)	Yes (combined)	Yes (combined)	Yes (combined)	Yes (combined)
	USB	Yes	Yes	Yes	Yes	Yes	Yes
	USB Support Type	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music
	Lockable USB	Yes	Yes	Yes	Yes	Yes	Yes
	RS232: DSUB	Yes	Yes	Yes	Yes	Yes	Yes
	LAN: RJ45	Yes	Yes	Yes	Yes	Yes	Yes
	Remote Extender	Yes	Yes	Yes	Yes	Yes	Yes
	RCA (L/R)	Yes	Yes	Yes	Yes	Yes	Yes
Supported Input Resolutions	HDMI	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
	DisplayPort	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
	VGA (D-Sub)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Outputs	HDMI	Yes	Yes	Yes	Yes	Yes	Yes
	DisplayPort	1	1	1	1	1	1
	Speakers	8W + 8W	8W + 8W	8W + 8W	12W + 12W	12W + 12W	12W + 12W
	Digital Out	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial
Tiling	Multi-screen (Zoom up)	Yes	Yes	Yes	Yes	Yes	Yes
	Daisy Chain DisplayPort	Yes	Yes	Yes	Yes	Yes	Yes
	Daisy Chain HDMI	Yes	Yes	Yes	Yes	Yes	Yes
	UHD Daisychaining	Yes	Yes	Yes	Yes	Yes	Yes
	Tiling Matrix (x,y)	Up to 10 x 10	Up to 10 x 10	Up to 10 x 10	Up to 10 x 10	Up to 10 x 10	Up to 10 x 10
	Monitor ID Setting	Yes	Yes	Yes	Yes	Yes	Yes
External Control/ Monitoring	RS232/LAN	Yes	Yes	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes	Yes	Yes
Other Features	OPS Slot	Yes	Yes	Yes	Yes	Yes	Yes
	Content Share	Yes	Yes	Yes	Yes	Yes	Yes
	Embedded USB Player	Yes	Yes	Yes	Yes	Yes	Yes
	RTC (Real Time Clock)	Yes	Yes	Yes	Yes	Yes	Yes
	Picture Shift	Yes	Yes	Yes	Yes	Yes	Yes
	Panel Lock	Yes	Yes	Yes	Yes	Yes	Yes
	HID Support	Yes	Yes	Yes	Yes	Yes	Yes
	WiFi	Yes	Yes	Yes	Yes	-	-
	Removable IR Sensor	Yes	Yes	Yes	Yes	Yes	Yes
	Removable Logo	Yes	Yes	Yes	Yes	Yes	Yes
	Cable Management	Yes	Yes	Yes	Yes	Yes	Yes
	Open Browser	Yes	Yes	Yes	Yes	Yes	Yes
	Wireless Display	Yes	Yes	Yes	Yes	-	-
	Embedded Signage	Yes (TD-P433E model only)	Yes (TD-P493E model only)	Yes (TD-P553E model only)	Yes	Yes	Yes
	Built-in Memory	Yes (TD-P433E model only)	Yes (TD-P493E model only)	Yes (TD-P553E model only)	Yes	Yes	Yes
	Scheduler/Playlist	Yes	Yes	Yes	Yes	Yes	Yes
	HDMI Wake Up	Yes	Yes	Yes	Yes	Yes	Yes
	Ingress Protection	Front IP40 / Rear IP20	Front IP40 / Rear IP20	Front IP40 / Rear IP20	Front IP20 / Rear IP20	Front IP20 / Rear IP20	Front IP20 / Rear IP20
Power Supply	Input	AC 110-240 V, 50/60 Hz	AC 110-240 V, 50/60 Hz	AC 110-240 V, 50/60 Hz	AC 110-240 V, 50/60 Hz	AC 110-240 V, 50/60 Hz	AC 110-240 V, 50/60 Hz
	Active Consumption	84W / 0.9A	105W / 1.05A	110W / 1.1A	265W / 2.5A	310W / 3.2A	517W / 5.3A
	Standby Consumption	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
	Mains Plug Type	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads
Dimensions	Width (mm)	965.5	1101.7	1238.2	1684	1975	2238.4
	Width Bezel (mm)	5.9 mm (L/R/T), 9.5mm (B)	6.8mm (L/R/T), 10.4mm (B)	7.0mm (L/R/T), 10.3mm (B)	16mm (L/R/T), 23mm (B)	38mm (L/R/T), 38mm (B)	39mm (L/R/T), 39mm (B)
	Height (mm)	557.3	634.6	711.8	967	1146	1294
	Depth (mm)	81.3	80.8	81.1	32	42	42
	Depth (mm) – including OPS slot	105.8	104.2	103.8	73	103	97.7
	Weight (kg)	10.5	13.5	17.5	38.5	66	103
	Packed Width (mm)	1077	1182	1361	1990	2163	242.3
	Packed Depth (mm)	129	132	139	265	318	38
	Packed Height (mm)	764	749	847	1227	1405	156.3
	Packed Weight (kg)	14.5	17.5	22	51	89	127.5
	VESA - W x H (Screw type)	200 x 200 (M6)	200 x 200 (M6)	400 x 200 (M6)	600 x 400 (M8)	600 x 400 (M8)	900 x 600 (M8)

TOSHIBA

TD-Q3(E) series

55"

49"

43"

24 HOURS

High brightness displays to give your message impressive clarity in all lighting conditions
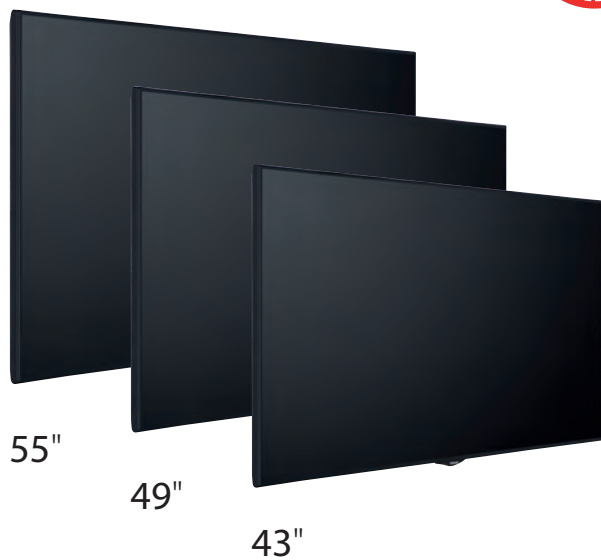
Toshiba's TD-Q3(E) series offers stunningly clear 24/7 playback of your content in high brightness, without requiring an external media player. The 700-nit screen ensures clean definition even against strong natural light, making your content extra vivid. A secure embedded USB plays your audio/visual/images around the clock - with auto playback, multi-codec support and failover playback in the absence of an input signal. Always user-friendly, our bright, bold TD-Q3(E) series is impressively customisable, with tiling and connectivity options for multi-screen displays.

Features
- 24/7 usage
- Full HD
- High brightness - 700 Nit
- Landscape/portrait orientation
- OPS slot
- Embedded USB player & scheduler
- Embedded signage with built-in memory option (TD-Q3E)
- Optional touchscreen available

(TD-Q3E)

24/7 SOLUTION   HIGH BRIGHTNESS   SCREEN TILING   EXTERNAL CONTROL   OPS SLOT   EMBEDDED SIGNAGE
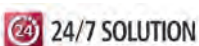
TD-Q3(E) series - 24/7 High Brightness

		TD-Q433(E)	TD-Q493(E)	TD-Q553(E)
Screen	Diagonal Screen Size (cm/inch)	109cm/43"	124cm/49"	140cm/55"
	Recommended Maximum Daily Usage (Hours)	24/7	24/7	24/7
	Portrait Mode	Yes	Yes	Yes
	Visible Area (H x V)	941.184mm(H) x 529.416mm(V)	1073.78mm(H) x 604.0mm(V)	1209.6mm(H) x 680.4625mm(V)
	Panel Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Panel Technology	IPS	IPS	IPS
	Viewing Angle (º)	178 L/R 178 U/D	178 L/R 178 U/D	178 L/R 178 U/D
	Brightness (cd/m²)	700	700	700
	Native Contrast (number)	1000	1000	1000
	Response Time (G to G) (ms)	8	15	6
Inputs	HDMI	1	1	1
	HDMI Support Type	1.4	1.4	1.4
	Displayport	1	1	1
	DisplayPort Support Type	1.0/1.2a	1.0/1.2a	1.0/1.2a
	DVI	1	1	1
	Analogue D-SUB	1	1	1
	Component	Yes (combined)	Yes (combined)	Yes (combined)
	Composite	Yes (combined)	Yes (combined)	Yes (combined)
	USB	Yes	Yes	Yes
	USB Support Type	Photo/Video/Music	Photo/Video/Music	Photo/Video/Music
	Lockable USB	Yes	Yes	Yes
	Remote Extender	Yes	Yes	Yes
	RCA (L/R)	Yes	Yes	Yes
Supported Input Resolutions	HDMI	1920 x 1080	1920 x 1080	1920 x 1080
	DisplayPort	1920 x 1080	1920 x 1080	1920 x 1080
	VGA (D-Sub)	1920 x 1080	1920 x 1080	1920 x 1080
Outputs	HDMI	Yes	Yes	Yes
	DisplayPort	1	1	1
	Speakers	8W + 8W	8W + 8W	8W + 8W
	Digital Out	Coaxial	Coaxial	Coaxial
Tiling	Multi-screen (Zoom up)	Yes	Yes	Yes
	Daisy Chain DisplayPort	Yes	Yes	Yes
	Daisy Chain HDMI	Yes	Yes	Yes
	UHD Daisychaining	Yes	Yes	Yes
	Tiling Matrix (x,y)	Up to 10 x 10	Up to 10 x 10	Up to 10 x 10
	Monitor ID Setting	Yes	Yes	Yes
External Control/ Monitoring	RS232/LAN	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes
Other Features	OPS Slot	Yes	Yes	Yes
	Content Share	Yes	Yes	Yes
	Embedded USB Player	Yes	Yes	Yes
	RTC (Real Time Clock)	Yes	Yes	Yes
	Picture Shift	Yes	Yes	Yes
	Panel Lock	Yes	Yes	Yes
	HID Support	Yes	Yes	Yes
	WiFi	Yes	Yes	Yes
	Removable IR Sensor	Yes	Yes	Yes
	Removable Logo	Yes	Yes	Yes
	Cable Management	Yes	Yes	Yes
	Open Browser	Yes	Yes	Yes
	Embedded Signage	Yes (TD-Q433E model only)	Yes (TD-Q493E model only)	Yes (TD-Q553E model only)
	Built-in Memory	Yes (TD-Q433E model only)	Yes (TD-Q493E model only)	Yes (TD-Q553E model only)
	Scheduler/Playlist	Yes	Yes	Yes
	HDMI Wake Up	Yes	Yes	Yes
	Ingress Protection	Front IP40 / Rear IP20	Front IP40 / Rear IP20	Front IP40 / Rear IP20
Power Supply	Input	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz
	Active Consumption	84W / 0.9A	105W / 1.05A	110W / 1.1A
	Standby Consumption	<0.5W	<0.5W	<0.5W
	Mains Plug Type	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads	2 pin/3 Pin IEC mains leads
Operation	Operating Temperature	0 to +40	0 to +40	0 to +40
	Operating Humidity	0 - 90 %	0 - 90 %	0 - 90 %
Dimensions	Width (mm)	965.5	1101.7	1238.2
	Width Bezel (mm)	5.9 mm (L/R/T), 9.5mm (B)	6.8mm (L/R/T), 10.4mm (B)	7.0mm (L/R/T), 10.3mm (B)
	Height (mm)	557.3	634.6	711.8
	Depth (mm)	81.3	80.8	81.1
	Depth (mm) – including OPS slot	105.8	104.2	103.8
	Weight (kg)	10.5	13.5	17.5
	Packed Width (mm)	1077	1182	1361
	Packed Depth (mm)	129	132	139
	Packed Height (mm)	764	749	847
	Packed Weight (kg)	14.5	17.5	22
	VESA - W x H (Screw type)	200 x 200 (M6)	200 x 200 (M6)	400 x 200 (M6)

TOSHIBA

24/7 Videowall

Toshiba's TD-Y3 series is a high quality 24/7 Videowall series. The displays allow the creation of extremely large screen areas, which will add to the impact and versatility of the display solution designed for your business needs. The Videowall solution is fully customisable, with advanced features such as Displayport 1.2a and HDMI daisychaining, Tiling mode (up to 10 x 10 displays)* and support of both landscape and portrait orientation. Available in screen sizes of 124cm (49") and 140cm (55") with light outputs of up to 700Nit. A large range of inputs, plus a built-in scheduler and real time clock backup make the Videowall models perfect for getting your message across in a convenient and impactful way.

Additionally Videowall models support Embedded Signage functionality, so please get in touch with your local sales representative to find out more about what signage solutions are available in your region.

TD-Y3 series

55"

49"

Features
- 24/7 usage
- Full HD
- Landscape and portrait orientation
- Multi screen (up to 10x10) tiling*
- Displayport 1.2a Daisychain
- Built in Scheduler
- Real time clock
- Robust metal cabinet
- Embedded Signage

FULL HD 1920 x 1080P   **24/7 SOLUTION**   **SCREEN TILING**   **SUPER NARROW BEZEL**   **MULTI LAYOUT** PORTRAIT & LANDSCAPE   **EMBEDDED SIGNAGE**

*For large videowall configurations we recommend using external video splitters/amplifiers to maintain the signal quality.

TD-Y3 series

TOSHIBA

		TD-Y493M	TD-Y553M	TD-Y553X
Screen	Diagonal Screen Size (cm/inch)	124cm/49"	140cm/55"	140cm/55"
	Recommended Maximum Daily Usage (Hours)	24	24	24
	Bezel Width	3.5mm (Combined)	3.5mm (Combined)	3.5mm (Combined)
	Bezel Width Including Non-Active Screen	3.8mm (Combined)	3.8mm (Combined)	3.8mm (Combined)
	Portrait Mode	Yes	Yes	Yes
	Visible Area (H x V)	1073.8 x 604	1209.6 x 680.4	1209.6 x 680.4
	Panel Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Viewing Angle (°)	178	178	178
	Brightness (nit)	450	500	700
	Native Contrast (number)	1300	1400	TBC
	Response Time (G to G) (ms)	8	12	TBC
Inputs	HDMI	1	1	1
	HDMI Support Type	2	2	2
	DisplayPort	1	1	1
	DisplayPort Support Type	1.0/1.2a	1.0/1.2a	1.0/1.2a
	DVI	1	1	1
	Analogue D-SUB	1	1	1
	Component	1 (Combined)	1 (Combined)	1 (Combined)
	Composite	1 (Combined)	1 (Combined)	1 (Combined)
	USB	Yes	Yes	Yes
	USB Support Type	Video/Photo/Music files	Video/Photo/Music files	Video/Photo/Music files
	RJ12	Yes	Yes	Yes
	RS232: DSUB	Yes	Yes	Yes
	LAN: RJ45	Yes	Yes	Yes
	Remote Extender	Yes	Yes	Yes
	RCA (L/R)	Yes	Yes	Yes
Supported Input Resolutions	HDMI	1920 x 1080	1920 x 1080	1920 x 1080
	DisplayPort	1920 x 1080	1920 x 1080	1920 x 1080
	VGA (D-Sub)	1920 x 1080	1920 x 1080	1920 x 1080
Outputs	HDMI	1	1	1
	DisplayPort	1	1	1
	RS232: DSUB	1	1	1
	Mini Jack (Audio)	1	1	1
	RCA (L/R)	1	1	1
Tiling	Multi-screen (Zoom up)	Yes	Yes	Yes
	Daisy Chain DVI	-	-	-
	Daisy Chain DisplayPort	Yes	Yes	Yes
	UHD Daisychaining	Yes	Yes	Yes
	Tiling Matrix (x,y)	Up to 10 x 10*	Up to 10 x 10*	Up to 10 x 10*
	Frame Compensation	Yes	Yes	Yes
	Monitor ID Setting	Yes	Yes	Yes
External Control/ Monitoring	RS232/LAN	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes
Other Features	OPS Slot	-	-	-
	Content Share	Yes	Yes	Yes
	RS232 Daisychaining	Yes	Yes	Yes
	Embedded USB Player	Yes	Yes	Yes
	Scheduler/Playlist	Yes	Yes	Yes
	RTC (Real Time Clock)	Yes	Yes	Yes
	Picture Shift	Yes	Yes	Yes
	Panel Lock	Yes	Yes	Yes
	No Signal Power Off	Yes	Yes	Yes
	Brightness sensor	-	-	-
	Screen saver	-	-	-
	HID Support	Yes	Yes	Yes
	WiFi	-	-	-
	Removable IR Sensor	Yes	Yes	Yes
	Removable Logo	Yes	Yes	Yes
	Cable Management	Yes	Yes	Yes
	Open Browser	Yes	Yes	Yes
	Embedded Signage	Yes	Yes	Yes
	USB Storage Device Included	Yes	Yes	Yes
	Scheduler/Playlist	Yes	Yes	Yes
	HDMI Wake Up	Yes	Yes	Yes
	Ingress Protection	Front IP20 / Rear IP20	Front IP20 / Rear IP20	Front IP20 / Rear IP20
Accessories	RS232 to TTL lead	Yes	Yes	Yes
Power Supply	Input	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz	AC 100-240 V, 50/60 Hz
	Active Consumption	110W	188W	188W
	Standby Consumption	<0.5W	<0.5W	<0.5W
	Mains Plug Type	2 pin + 3 pin IEC mains leads	2 pin + 3 pin IEC mains leads	2 pin + 3 pin IEC mains leads
Operation	Operating Temperature	0 to +40	0 to +40	0 to +40
	Operating Humidity	0 - 90 %	0 - 90 %	0 - 90 %
Dimensions	Width (mm)	1077.6	1213.4	1213.4
	Height (mm)	607.8	684.2	684.2
	Depth (mm) - Maximum Point	95	97.5	97.5
	Weight (kg)	28.5	40.5	40.5
	Packed Width (mm)	1184	1347	1347
	Packed Height (mm)	729	804	804
	Packed Depth (mm)	197	197	197
	Packed Weight (kg)	33.5	42.5	42.5
	VESA - W x H (Screw Type)	600 x 400 (M8)	600 x 400 (M8)	600 x 400 (M8)

*For large videowall configurations we recommend using external video splitters/amplifiers to maintain the signal quality.

Embedded signage

We've increased your options by offering embedded signage derivative models, allowing software partners to port their own solutions directly on Toshiba displays. The embedded software solutions run using the internal SoC (System on Chip) directly within the displays themselves, linking central software systems without the need for external media devices or additional cabling. Toshiba's latest Embedded Signage models can be identified by the ending 'E' found after the model number, for example, TD-E433E. Our Embedded Signage displays are available across our signage range, in a variety of screen sizes.

Overview
- Standalone Solution.
- No Toshiba License Fees.
- Single HW vendor.
- Safety Approvals and environmental certification from single vendor.
- Simple connection requirement (1 AC power and 1 Network connection).
- Single Unit Installation and Service requirement.
- Embedded solution available across complete range.
- Software solution able to access all display control resources (not possible with external media players).
- EU Based Local Software Engineering Support.

Advantages of Embedded Signage (SoC)
- ✓ Reduces Total Cost of Ownership
- ✓ Simplifies installation process
- ✓ Flexible content management
- ✓ Cleaner display appearance

Easy setup and activation
External devices are no longer needed to deliver content and partners software can be directly integrated within Toshiba Business Displays. Setup is now quicker and simpler with only the display and a network connection required. There is no longer a need to hide unsightly cabling or position additional set top boxes.

Broad range of functionality
When using Embedded signage a range of functions are available to the solution provider & end user. Examples are creation of content loops, management of content schedules, animations, scrolling text patterns and the downloading of content resources directly to the internal USB memory for local playback.

External control
Through the use of Embedded Signage manage your content from local and external networks allowing you to manage content on the move.

Please contact your local sales representative today to discuss opportunities or if you are interested in becoming a strategic partner.

EMBEDDED SIGNAGE

API Modules

| Resource	Support	Notes
Application Manager	Manage Browser Windows	Have multiple independent applications running (e.g., player rendering, content downloader, watchdog application / status monitoring…)
Network Manager	Manage Network Interfaces	Automatic joining to whitelisted networks or with pre-defined configurations (wifi or wired)
Date Time Settings	Manage Date/Time	Sync and control system time for each unit remotely
Input Manager	Set/Get current AV input, Set the Video position to the specified coordinates etc.	Remotely control source input based on schedule; local fault-back on available inputs, alert in case inputs change or are not available any more
Standby Controller	Enter/Quit/Query Active Standby	Manager power of the panel programmatically, based on schedule or events
Storage Manager	Get Removable Device Information, List/ Format available storages	Manage and use local media assets for local playout, content refresh mechanisms
General Settings / RS232 Manager	Set/Get Volume level, Query active standby, manage screen settings (picture/sound)	Manage all monitor settings programmatically
Custom Download Manager	Manage downloads of files	Download media assets, configuration files, data files to local storage
Remote Key generator	Generate remote control key press events	Send key sequences for automated configuration or remote control of the monitor
MacId	Get unique ID for the set	Identify uniquely the target monitor
Screenshot	Get screenshot of current monitor playout	Monitoring and live view of a specific monitor or remote control of unit
ZIP file manager	Unzip downloaded resources	Download group of resources compressed and use them locally uncompressed
Video Broadcast object	Control PiP	Mix rendered content with video content, manage over-impression for videos or external inputs
Optional touch screen	Fully compatible with embedded signage gesture support	Allowing end-users to scroll, tap and browse intuitively. USB plug and play, the solution works straight out of the box
Videos	H.264 / H.265 codecs, mp4 / mkv / avi formats	All videos are rendered by a dedicated GPU to ensure a perfect and smooth playout; video playout performances do not affect other CPU operations of the monitor
Images	JPG, PNG (All web-standard formats)	Images can be displayed in full screen or shown in smaller media windows
Fonts	Web fonts	Web Fonts can be referenced and locally stored to ensure best typography rendering
Flash content	Not supported	Flash is an outdated format, no longer supported by mail platforms in the market. Any flash content can be converted to HTML5 equivalent
WebGL	Fully supported	Use WebGL for 2D and 3D animations and effects with full HW accelerated rendering
HTML5	Chromium M44 equivalent support	Wide support for CSS3 and JS animations with HW acceleration

Embedded Signage Models
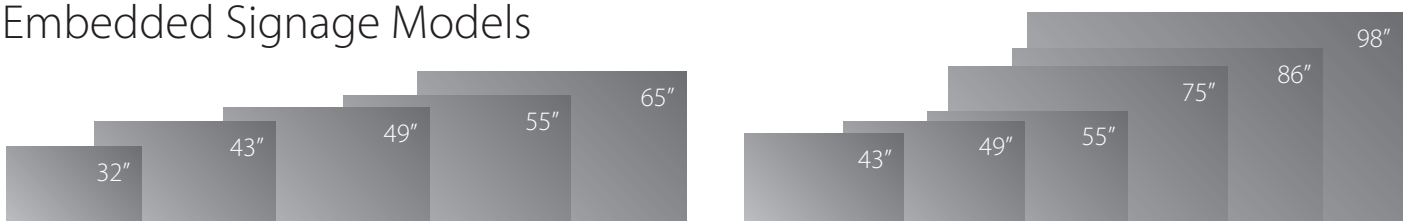
16/7 Model – TD-E3E Series
- 16/7 usage
- Full HD (65" = UHD)
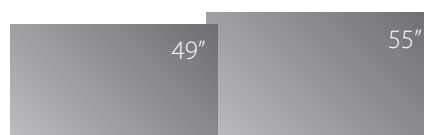- Landscape/Portrait Orientation
- Brightness: 400Nit

24/7 Model – TD-P3E Series
- 24/7 usage
- Full HD (75", 86" & 98" = UHD)
- Landscape/Portrait Orientation
- Brightness: 400Nit, 600Nit 75", 500Nit 86" and 98"
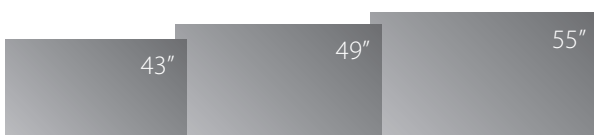
High Brightness – TD-Q3E Series
- 24/7 usage
- Full HD
- Landscape/Portrait Orientation
- Brightness: 700Nit

Video Wall – TD-Y3 Series
- 24/7 usage
- Full HD
- Landscape/Portrait Orientation
- Brightness: 450Nit 49", 500Nit & 700Nit 55"

Touch screen solutions

Empower your customers, students or visitors to get exactly what they need in seconds, with the touch series display from Toshiba. Featuring intuitive, 10-point infrared touch detection, the display allows end-users to swipe, tap and browse intuitively – putting them in control of the content on screen. That way, they have the knowledge they need to make the next step; whether that's learning, buying or becoming more engaged with your brand. And with USB plug and play, the solution works straight out of the box , with no need for an external power supply. Designed with an anti-glare glass screen, the display shows content clearly, even in bright sunlight. These touchscreens will stand up to continuous use too – thanks to their protective displays and robust metal frames.

Get started in seconds
The touch series works straight out of the box, thanks to its USB plug and play functionality. Simply plug into your control device with a windows compatible solution, and start getting a return on your investment almost instantly.

10 Point Touch
With 10-point infrared touch functionality, users can browse, purchase, learn and discover with ease. Intuitive to operate, the touch solution puts those who matter most in control – whether they're customers, students or guests. That way, they always get the most out of their interaction with you.

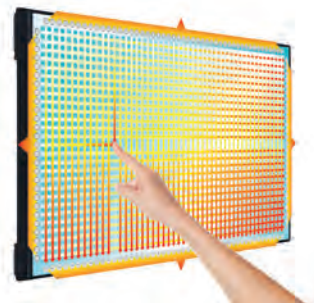Compatible with TD-E3/P3/Q3 series
43", 49", 55", 65" and 75" displays

Works all day, every day
Fronted by anti-glare tempered glass, the ultra-durable touch series provides a clear view of all your content – even in bright sunlight. And with a robust, metal frame to compliment the protective screen, your display is ready to work with constant interaction.

IR Technology
Integrated Infrared technology operates on the basis of light-beam interruption, to determine the location of touch events. With light emitting diodes and light detectors located around the perimeter of the overlay, as an object touches the screen it interrupts the light beam resulting a loss of light to the corresponding sensor. The LEDs and sensors are laid out in a grid so that each touch event breaks two beams, giving an X and a Y coordinates. This corresponds to determine the location of the area on screen.

Touchscreen Overlay Specifications

Power Supply Mode	USB
Frame Rate	125 Hz
Response Time	<15 ms
Communication	USB 2.0 Full Speed
Supply Voltage	DC 5V±5%
Transmission Rate	12 Mbps
Touch Input Method	Finger/similar touch accessories
Touch Accuracy	±1mm (@ 90% screen area)
Average Current	<300mA
Available Object Sizes for Touch	3 mm
Compatible Products	TD-E433(E) TD-E493(E) TD-E553(E) TD-E653(E) TD-P433(E) TD-P493(E) TD-P553(E) TD-P753E TD-Q433(E) TD-Q493(E) TD-Q553(E)

Toshiba Business Display Product Guide

TOSHIBA

Comparison guide		16/7 Signage Displays	24/7 Signage Displays	Higher Brightness Displays	Videowall Displays
		TD-E3	TD-P3	TD-Q3	TD-Y3
Screensizes	24" (61 cm)				
	32" (80 cm)	✓			
	43" (109 cm)	✓	✓	✓	
	49" (124 cm)	✓	✓	✓	✓
	55" (140 cm)	✓	✓	✓	✓
	65" (165 cm)	✓			
	75" (191 cm)		✓		
	86" (217 cm)		✓		
	98" (249 cm)		✓		
Resolution	WXGA				
	FHD	✓	✓	✓	✓
	UHD	65"	75" 86" & 98"		
Usage	12Hr				
	16Hr	✓			
	24Hr		✓	✓	✓
	Portrait	✓	✓	✓	✓
Key Features	Hotel mode				
	Touchscreen kit compatible*	✓	✓	✓	
	Embedded signage option	✓	✓	✓	✓
	OPS slot	✓	✓	✓	
	WiFi Capable	✓ **	✓ **	✓	
	Wireless Display	✓ **	✓ **	✓	
	Start-up on specific URL	✓	✓	✓	✓
	Tiling	✓	✓	✓	✓
	Media Player	✓	✓	✓	✓
	Scheduler	✓	✓	✓	✓
	RS232	✓	✓	✓	✓
	LAN	✓	✓	✓	✓
	LAN Control	✓	✓	✓	✓

VESA Sizes	TD-E3	TD-P3	TD-Q3	TD-Y3
	TD-E323(E) 200 x 200 (M6)	TD-P433(E) 200 x 200 (M6)	TD-Q433(E) 200 x 200 (M6)	TD-Y493M 600 x 400 (M8)
	TD-E433(E) 200 x 200 (M6)	TD-P493(E) 200 x 200 (M6)	TD-Q493(E) 200 x 200 (M6)	TD-Y553M 600 x 400 (M8)
	TD-E493(E) 200 x 200 (M6)	TD-P553(E) 400 x 200 (M6)	TD-Q553(E) 400 x 200 (M6)	TD-Y553X 600 x 400 (M8)
	TD-E553(E) 400 x 200 (M6)	TD-P753(E) 600 x 400 (M8)		
	TD-E653(E) 400 x 400 (M6)	TD-P863(E) 600 x 400 (M8)		
		TD-P983(E) 900 x 600 (M8)		

*Touch overlay compatible screensizes 43" 49" 55" 65" 75" ** TD-E323(E), TD-P863(E) and TD-P983E models do not have these features.

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