

【秘密】 【Confidential】

General Spec for PC monitor

MODEL NAME :
DD-EA272Q
DD-EA272QW
LCD-EA272Q-BK
LCD-EA272Q

Version : 3.0
Date : Dec/12, 2024

Monitor Development Department
1st Development Division

Designed by :	<u>H.Kadoya</u>	<u>—</u>
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Sharp NEC Display Solutions,Ltd.

Document Number: 07GL2BAN-N

REVISION HISTORY

Ver	Date	Description	Designed	Checked	Approved
1	2024/4/18	1st release	N.Itakura W.Iseki	-	N.Kano Y.Yamamura
2	2024/6/21	<A/B/J ver> No update (Just version update) <P ver> Added <C ver> Added for reference	N.Itakura W.Iseki	-	H.Aoyanagi Y.Yamamura
3	2024/12/27	<A ver> Update for completed standard certification. <B ver> Update for change to paper packaging Update for completed standard certification. Update on regulations not acquired <J ver> No update (Just version update) <P ver> No update (Just version update) <C ver>	H.Kadoya	-	N.Kano Y.Yamamura

Document Number: 07GL2BAN-N

		Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	No sales plan Rev.1SD
		EA272Q-BK	EA272Q	EA272Q-BK	EA272Q-BK	EA272Q-BK	LCD-EA272Q	LCD-EA272Q-BK	DD-EA272Q
1. Destination-Color		Aver-BK	Bver-WH	Bver-BK	Pver-BK	Over-BK	Jver(NEC)-WH	Jver(NEC)-BK	Jver-BK
Environmental Impact	Annual typical maximum operating carbon footprint	130.0kg	130.0kg	130.0kg	139.1kg	130.0kg	130.0kg	130.0kg	130.0kg
	Manufacturing carbon	68.8kg	68.8kg	68.8kg	68.8kg	68.8kg	68.8kg	68.8kg	68.8kg
3. Product spec.									
3.1. Screen									
3.1. Screen	Recommended resolution 推奨解像度	2560x1440 (60Hz)	2560x1440 (60Hz)	2560x1440 (60Hz)	2560x1440 (60Hz)	2560x1440 (60Hz)	2560x1440 (60Hz)	2560x1440 (60Hz)	2560x1440 (60Hz)
	Aspect ratio アスペクト比	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Brightness 輝度	Maximum setting (Typ.)	350cd/m ²	350cd/m ²	350cd/m ²	350cd/m ²	350cd/m ²	350cd/m ²	350cd/m ²
		Maximum setting (Min.)	280cd/m ²	280cd/m ²	280cd/m ²	280cd/m ²	280cd/m ²	280cd/m ²	280cd/m ²
		Typical setting (Typ.)	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²
	Minimum setting (Typ.)	50cd/m ²	50cd/m ²	50cd/m ²	50cd/m ²	50cd/m ²	50cd/m ²	50cd/m ²	50cd/m ²
		Horizontal (mm)	586.7mm	586.7mm	586.7mm	586.7mm	586.7mm	586.7mm	586.7mm
		Horizontal (in.)	23.5in.	23.5in.	23.5in.	23.5in.	23.5in.	23.5in.	23.5in.
	Active area size 有効表示領域寸	Horizontal (mm)	335.7mm	335.7mm	335.7mm	335.7mm	335.7mm	335.7mm	335.7mm
		Horizontal (in.)	13.2in.	13.2in.	13.2in.	13.2in.	13.2in.	13.2in.	13.2in.
		Vertical (mm)	68.47cm	68.47cm	68.47cm	68.47cm	68.47cm	68.47cm	68.47cm
	Screen size 画面サイズ	(cm)	27.0in.	27.0in.	27.0in.	27.0in.	27.0in.	27.0in.	27.0in.
		(in.)	89degree	89degree	89degree	89degree	89degree	89degree	89degree
	Viewing Angle (CR=10)	Up	89degree	89degree	89degree	89degree	89degree	89degree	89degree
		Down	89degree	89degree	89degree	89degree	89degree	89degree	89degree
		Right	89degree	89degree	89degree	89degree	89degree	89degree	89degree
	Protection glass 保護ガラス	Left	89degree	89degree	89degree	89degree	89degree	89degree	89degree
		No	No	No	No	No	No	No	No
		Material							
	Thickness								
	Surface treatment								
	Transparency								
	Reflection								
	Hardness								
	Impact resistance								
	Haze								
3.2. Mechanical									
3.2.2.1. Mechanical (IT-Profile International System of Units)									
3.2.2.1. Mechanical	Monitor	Stockholm design	Stockholm design	Stockholm design	Stockholm design	Stockholm design	Stockholm design	Stockholm design	Stockholm design
	Design Type	Front cabinet	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)
	Material (Frame class)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)
		PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)	PC-ABS (94 V-0)
	Base/Braz	Base/Braz	Whitish Gray	Whitish Gray	Pure Black	Pure Black	Whitish Gray	Pure Black	Pure Black
	Color	Base/Braz	Whitish Gray	Whitish Gray	Pure Black	Pure Black	Whitish Gray	Pure Black	Pure Black
	Cabinet gloss-level (Base/ front of Stand)	Pure Black	Pure Black	Pure Black	Pure Black	Pure Black	Pure Black	Pure Black	Pure Black
	Reflection value								
	<20degree	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Net Dimensions	with stand, Landscape, Width(mm)	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm
		(in.)	24.1in.	24.1in.	24.1in.	24.1in.	24.1in.	24.1in.	24.1in.
	with stand, Landscape, Height/Low(mm)	378.0mm	378.0mm	378.0mm	378.0mm	378.0mm	378.0mm	378.0mm	378.0mm
		(in.)	14.9in.	14.9in.	14.9in.	14.9in.	14.9in.	14.9in.	14.9in.
	with stand, Landscape, Height/High(mm)	528.0mm	528.0mm	528.0mm	528.0mm	528.0mm	528.0mm	528.0mm	528.0mm
		(in.)	20.8in.	20.8in.	20.8in.	20.8in.	20.8in.	20.8in.	20.8in.
	with stand, Landscape, Depth(mm)	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm
		(in.)	9.8in.	9.8in.	9.8in.	9.8in.	9.8in.	9.8in.	9.8in.
	with stand, Portrait, Width(mm)	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm
		(in.)	14.2in.	14.2in.	14.2in.	14.2in.	14.2in.	14.2in.	14.2in.
	with stand, Portrait, Height/Low(mm)	628.5mm	628.5mm	628.5mm	628.5mm	628.5mm	628.5mm	628.5mm	628.5mm
		(in.)	24.7in.	24.7in.	24.7in.	24.7in.	24.7in.	24.7in.	24.7in.
	with stand, Portrait, Height/High(mm)	652.5mm	652.5mm	652.5mm	652.5mm	652.5mm	652.5mm	652.5mm	652.5mm
		(in.)	25.7in.	25.7in.	25.7in.	25.7in.	25.7in.	25.7in.	25.7in.
	with stand, Portrait, Depth(mm)	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm	250.0mm
		(in.)	9.8in.	9.8in.	9.8in.	9.8in.	9.8in.	9.8in.	9.8in.
	w/o stand, Landscape, Width(mm)	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm	611.8mm
		(in.)	24.1in.	24.1in.	24.1in.	24.1in.	24.1in.	24.1in.	24.1in.
	w/o stand, Landscape, Height(mm)	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm	361.9mm
		(in.)	14.2in.	14.2in.	14.2in.	14.2in.	14.2in.	14.2in.	14.2in.
	w/o stand, Landscape, Depth(mm)	67.2mm	67.2mm	67.2mm	67.2mm	67.2mm	67.2mm	67.2mm	67.2mm
		(in.)	2.6in.	2.6in.	2.6in.	2.6in.	2.6in.	2.6in.	2.6in.
Net weight	with stand, (kg)	6.2kg	6.2kg	6.2kg	6.2kg	6.2kg	6.2kg	6.2kg	6.2kg
		(lbs)	13.6lbs	13.6lbs	13.6lbs	13.6lbs	13.6lbs	13.6lbs	13.6lbs
	w/o stand, (kg)	5.8kg	5.8kg	5.8kg	5.8kg	5.8kg	5.8kg	5.8kg	5.8kg
		(lbs)	12.8lbs	12.8lbs	12.8lbs	12.8lbs	12.8lbs	12.8lbs	12.8lbs
	Bezel width (mm)	12.8mm	12.8mm	12.8mm	12.8mm	12.8mm	12.8mm	12.8mm	12.8mm
		(in.)	0.50in.	0.50in.	0.50in.	0.50in.	0.50in.	0.50in.	0.50in.
	Bottom (mm)	17.7mm	17.7mm	17.7mm	17.7mm	17.7mm	17.7mm	17.7mm	17.7mm
		(in.)	0.70in.	0.70in.	0.70in.	0.70in.	0.70in.	0.70in.	0.70in.
	Right (mm)	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm
		(in.)	0.04in.	0.04in.	0.04in.	0.04in.	0.04in.	0.04in.	0.04in.
	Left (mm)	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm	1.0mm
		(in.)	0.04in.	0.04in.	0.04in.	0.04in.	0.04in.	0.04in.	0.04in.
	Distance from panel active area to outside edge of bezel (mm)	7.4mm	7.4mm	7.4mm	7.4mm	7.4mm	7.4mm	7.4mm	7.4mm
		(in.)	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.
	Bottom (mm)	18.7mm	18.7mm	18.7mm	18.7mm	18.7mm	18.7mm	18.7mm	18.7mm
		(in.)	0.74in.	0.74in.	0.74in.	0.74in.	0.74in.	0.74in.	0.74in.
	Right (mm)	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm
		(in.)	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.
	Left (mm)	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm	7.5mm
		(in.)	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.	0.29in.
VESA mount	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Horizontal dimension	100mm	100mm	100mm	100mm	100mm	100mm	100mm
	Vertical dimension	100mm	100mm	100mm	100mm	100mm	100mm	100mm	100mm
		Number of holes	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs	4pcs
	Screw hole	M4	M4	M4	M4	M4	M4	M4	M4
		Screw length	12.0mm	12.0mm	12.0mm	12.0mm	12.0mm	12.0mm	12.0mm
	Mounting on a flexible arm	4directions (Landscape)*180°	4directions (Landscape)*180°	4directions (Landscape)*180°	4directions (Landscape)*180°	4directions (Landscape)*180°	4directions (Landscape)*180°	4directions (Landscape)*180°	4directions (Landscape)*180°
		Portrait: 90°+90°	Portrait: 90°+90°	Portrait: 90°+90°	Portrait: 90°+90°	Portrait: 90°+90°	Portrait: 90°+90°	Portrait: 90°+90°	Portrait: 90°+90°
	Low position VESA hole	No	No	No	No	No	No	No	No
		Horizontal dimension							
	Height Adjustment	Landscape	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Portrait	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Swivel	Left	170degree	170degree	170degree	170degree	170degree	170degree	170degree
		Right	170degree	170degree	170degree	170degree	170degree	170degree	170degree
	Tilt	Up	35degree	35degree	35degree	35degree	35degree	35degree	35degree
		Down	5degree	5degree	5degree	5degree	5degree	5degree	5degree
	Pivot	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Clockwise	90degree	90degree	90degree	90degree	90degree	90degree	90degree
	Distance from display head/lowest position to desk surface (with landscape)	Counterclockwise	90degree	90degree	90degree	90degree	90degree	90degree	90degree
		Using standard VESA hole(mm)	16.1mm	16.1mm	16.1mm	16.1mm	16.1mm	16.1mm	16.1mm
	Using Low position VESA Display head to stand base	(in.)	0.63in.	0.63in.	0.63in.	0.63in.	0.63in.	0.63in.	0.63in.
		No	No	No	No	No	No	No	No
3.3. Power									
3.3. Power	Power source type	Built in IEC	Built in IEC	Built in IEC	Built in IEC	Built in IEC	Built in IEC	Built in IEC	Built in IEC
		Connection type	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
	Rated Voltage	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
		Rated Frequency	1.80A	1.80A	1.80A	1.80A	1.80A	1.80A	1.80A
	Current rating	Ratio @ 100V	0.80A	0.80A	0.80A	0.80A	0.80A	0.80A	0.80A
		Ratio @ 230V	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2
	Crest factor	@100V	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2
		@230V	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2	Less than 2
	Power consumption	On mode Typ. (Factory setting)	27W	27W	27W	27W	27W	27W	27W
		On mode Typ. (Brightness Max.)	32W	32W	32W	32W	32W	32W	32W
	On mode Max. (All function avail.)	143W	143W	143W	143W	143W	143W	143W	143W
		Apparent power(at ECO mode)* Power consumption	180VA	180VA	180VA	180VA	180VA	180VA	180VA
	ECO mode* Power consumption	ECO mode* Power consumption	192VA	192VA	192VA	192VA	192VA	192VA	192VA
		ECO mode* Power consumption	22W	22W	22W	22W	22W	22W	22W
	ECO mode* Power consumption	ECO mode* Power consumption	0-50%	0-50%	0-50%	0-50%	0-50%	0-50%	0-50%
		ECO mode* Power consumption	17W	17W	17W	17W	17W	17W	17W
	Power saving mode(for IT monitor)	Power							

		Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	No sales plan Rev.TSD
		EA272Q-BK	EA272Q	EA272Q-BK	EA272Q-BK	EA272Q-BK	LCD-EA272Q	LCD-EA272Q-BK	DD-EA272Q
1. Destination-Color		Aver-BK	Bwer-WH	Bwer-BK	Pver-BK	Ower-BK	Jver(NEC)-WH	Jver(NEC)-BK	Jver-BK
		3.2V 500mA 1.7W Power output 7 Voltage(Max.) Current(Max.) Power	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W	3.2V 500mA 1.7W DP power(DPout) 3V 500mA 1.7W
3.4. EMI Class		Class B	Class B	Class B	Class B	Class B	Class B	Class B	Class B
3.5. Usage environment									
	Storage environment 保管環境	Storage Temp. Max. (C) Storage Temp. Max. (F) Storage Temp. Min. (C) Storage Temp. Min. (F) Storage humidity Max. Storage humidity Min. Storage Altitude (ft.) Storage Altitude (m)	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m	60°C 140°F -20°C -4°F 85% 10% 4000ft 1219m
	Operation environment 動作環境	Operation Temp. Max. (C) Operation Temp. Max. (F) Operation Temp. Min. (C) Operation Temp. Min. (F) Operation humidity Max. Operation humidity Min. Operation Altitude (m) Operation Altitude (ft.)	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft	35°C 95°F 5°C 41°F 80% 20% 5000m 1640ft
3.6. Carton/Transport									
Design Type of Carton Box	Material of Carton Box	WW(A,B,Cver)	WW(A,B,Cver)	WW(A,B,Cver)	only Pver	WW(A,B,Cver)	only Jver	only Jver	only Jver
		Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)	Kraft innerboard and fluted corrugated board (Double wall)
Gross Dimensions	(in.)	Gross Width (mm)	730.0mm	730.0mm	730.0mm	730.0mm	730.0mm	730.0mm	730.0mm
		Gross Height (mm)	475.0mm	475.0mm	475.0mm	475.0mm	475.0mm	475.0mm	475.0mm
Gross weight	(in.)	Gross Depth (mm)	217.0mm	217.0mm	217.0mm	217.0mm	217.0mm	217.0mm	217.0mm
		(kg)	12.9kg	14.9kg	14.9kg	12.9kg	12.9kg	12.9kg	12.9kg
Container loading Qty	(lbs)	20ft	280unit	280unit	280unit	280unit	280unit	280unit	280unit
		40ft	640unit	640unit	640unit	640unit	640unit	640unit	640unit
Palletized(Max.)	units/pallet/40ft	Pallet Width	1105.0mm	1105.0mm	1105.0mm	1105.0mm	1105.0mm	1105.0mm	1105.0mm
		Pallet Depth	740.0mm	740.0mm	740.0mm	740.0mm	740.0mm	740.0mm	740.0mm
Stacking	units/pallet/40ft	MAX layer at 1 pallet	4units	4units	4units	4units	4units	4units	4units
		Stacking limit by number (indicate to CARTON)	7units	7units	7units	7units	7units	7units	7units
Transport condition	Need to always use	MAX layer at warehouse	8units	8units	8units	8units	8units	8units	8units
			Yes	Yes	Yes	Yes	Yes	Yes	Yes
3.7. Warranty/MTBF	Limited Warranty	3year(s)	3year(s)	3year(s)	3year(s)	3year(s)	3year(s)	3year(s)	3year(s)
		71953	71953	71953	71953	71953	71953	71953	71953
4. Terminal & Slot	4.1. Video terminal								
		HDMI input	HDMI (HDMI1.4)	HDMI (HDMI1.4)	HDMI (HDMI1.4)	HDMI (HDMI1.4)	HDMI (HDMI1.4)	HDMI (HDMI1.4)	HDMI (HDMI1.4)
Video input terminal	DisplayPort Input	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)	DisplayPort(DisplayPort)
		USB Type-C(DisplayPort)	USB Type-C(DisplayPort)	USB Type-C(DisplayPort)	USB Type-C(DisplayPort)	USB Type-C(DisplayPort)	USB Type-C(DisplayPort)	USB Type-C(DisplayPort)	USB Type-C(DisplayPort)
DVI Input	VGA Input								
Video input	Number of terminal	3	3	3	3	3	3	3	3
Video output terminal	HDMI Output								
DisplayPort Output	Number of Terminal	1	1	1	1	1	1	1	1
4.2. Audio terminal	Audio input terminal	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI	HDMI
		DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort
USB Type-C	Number of Terminal	3	3	3	3	3	3	3	3
4.3. USB terminal	USB Terminal	Upstream (to host)	USB1 (USB Type-B)	USB2 (USB Type-B)	USB2 (USB Type-B)	USB2 (USB Type-B)	USB2 (USB Type-B)	USB2 (USB Type-B)	USB2 (USB Type-B)
		Downstream (to device)	USB1 (USB Type-A)	USB2 (USB Type-A)	USB2 (USB Type-A)	USB2 (USB Type-A)	USB2 (USB Type-A)	USB2 (USB Type-A)	USB2 (USB Type-A)
Number of terminal	Other	2	2	2	2	2	2	2	2
4.4. Communications terminal	Control Terminal	LAN							
		Number of terminal	0	0	0	0	0	0	0
RS-232C	Number of terminal	0	0	0	0	0	0	0	0
ControlSync input	Connector type of	ControlSync	ControlSync	ControlSync	ControlSync	ControlSync	ControlSync	ControlSync	ControlSync
		Max number of connected sub monitor via ControlSync							
Other	LAN-USB converter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.5. Slot	SD card slot								
Interface for extended options	Number of slot	0	0	0	0	0	0	0	0
5. In-out signal	5.1. Analog RGB input								
		Terminal 1	Terminal name						
Connector type	Max Resolution								
Horizontal frequency Max.	Horizontal frequency Min.								
Vertical frequency Max.	Vertical frequency Min.								
Video clock frequency Max.	Video clock frequency Min.								
Video Signal Level	Video Signal Impedance								
Separate sync: TTL Level	Composite sync: TTL Level								
Sync on Green: 0.5Vp-p	negative								
Color type	DSD/CI								
5.2. DVI input	Terminal 1	Terminal name							
		Connector type							
Max Resolution	Horizontal frequency Max.								
Horizontal frequency Min.	Vertical frequency Max.								
Vertical frequency Min.	Dot clock frequency Max.								
Dot clock frequency Min.	Interface								
Color type	Dual-Link								
HDCP	SD/CI								
5.3. HDMI input	Terminal 1	Terminal name							
		Connector type							
Max Resolution	Horizontal frequency Max.								
Horizontal frequency Min.	Vertical frequency Max.								
Vertical frequency Min.	Dot clock frequency Max.								
Dot clock frequency Min.	Interface								
Color type	Dual-Link								
HDCP	SD/CI								
Terminal 2	Terminal name								
		Connector type							
Max Resolution	Horizontal frequency Max.								
Horizontal frequency Min.	Vertical frequency Max.								
Vertical frequency Min.	Dot clock frequency Max.								
Dot clock frequency Min.	Interface								
Color type	Dual-Link								
HDCP	SD/CI								

Form Rev13.0

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		Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	Rev.3	No sales plan Rev.TB0			
		EA272Q-BK	Ea272ZQ	EA272Q-BK	EA272Q-ZK	EA272Q-BK	LCD-EA272Q	LCD-EA272Q-BK	DD-EA272Q				
T. Destination-Color		Aver-BK	Baver-WH	Baver-BK	Paver-BK	Cover-BK	Jver-NEC WH	Jver-NEC BK	Jver-BK				
S.4. DisplayPort input	Vertical frequency Min.	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-			
	Dot clock frequency Max.	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-			
	Dot clock frequency Min.	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-∞	-			
	HDMI version	-	-	-	-	-	-	-	-	-			
	Color type	-	-	-	-	-	-	-	-	-			
	Deep Color	-	-	-	-	-	-	-	-	-			
	HDCP	-	-	-	-	-	-	-	-	-			
	CEC	-	-	-	-	-	-	-	-	-			
	Terminal 1	Terminal name	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort		
	Connector type	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort		
	Max Resolution	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60		
	Horizontal frequency Max.	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz		
	Horizontal frequency Min.	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~		
	Vertical frequency Max.	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz		
	Vertical frequency Min.	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~		
	Dot clock frequency Max.	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz		
	Dot clock frequency Min.	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~		
DisplayPort Version	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4			
Color type	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)			
Bit rate	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3			
MST	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
HDCP	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3			
Terminal 2	Terminal name	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C			
Connector type	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C	USB Type-C			
Max Resolution	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60	2560x1440@60			
Horizontal frequency Max.	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz	-94.0kHz			
Horizontal frequency Min.	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~	31.5kHz~			
Vertical frequency Max.	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz	-75Hz			
Vertical frequency Min.	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~	59Hz~			
Dot clock frequency Max.	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz	-250MHz			
Dot clock frequency Min.	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~	25MHz~			
DisplayPort Version	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4			
Color type	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)	RGB(8bit)			
Bit rate	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3	RBR(HBR2)HBR3			
MST	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
HDCP	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3			
Terminal 3	Terminal name	-	-	-	-	-	-	-	-	-			
Connector type	-	-	-	-	-	-	-	-	-	-			
Max Resolution	-	-	-	-	-	-	-	-	-	-			
Horizontal frequency Max.	-	-	-	-	-	-	-	-	-	-			
Horizontal frequency Min.	-	-	-	-	-	-	-	-	-	-			
Vertical frequency Max.	-	-	-	-	-	-	-	-	-	-			
Vertical frequency Min.	-	-	-	-	-	-	-	-	-	-			
Dot clock frequency Max.	-	-	-	-	-	-	-	-	-	-			
Dot clock frequency Min.	-	-	-	-	-	-	-	-	-	-			
DisplayPort Version	-	-	-	-	-	-	-	-	-	-			
Color type	-	-	-	-	-	-	-	-	-	-			
Bit rate	-	-	-	-	-	-	-	-	-	-			
MST	-	-	-	-	-	-	-	-	-	-			
HDCP	-	-	-	-	-	-	-	-	-	-			
S.5. Audio input	Analog Audio	Terminal Connector type Support Signal	No - -	No - -	No - -	No - -	No - -	No - -	No - -	No - -			
	Digital Audio (HDMI)	Terminal Support Signal	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	HDMI PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch		
S.6 Support timings (for User's manual)	Digital Audio (DisplayPort)	Terminal Support Signal	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch	DisplayPort, USB Type-C PCM 32, 44.1, 48kHz (16, 20, 24bit), 2ch			
6. Output signal	6.1. HDMI output	Terminal 1	Terminal name	-	-	-	-	-	-	-	-		
		Connector type	-	-	-	-	-	-	-	-	-		
		Signal that can be output	-	-	-	-	-	-	-	-	-		
		HDCP	-	-	-	-	-	-	-	-	-		
		Daisy Chain Support	-	-	-	-	-	-	-	-	-		
		Max number of connections via HDCP	-	-	-	-	-	-	-	-	-		
		Max number of connections with HDCP	-	-	-	-	-	-	-	-	-		
		6.2. DisplayPort output	Terminal 1	Terminal name	DisplayPort OUT	DisplayPort OUT	DisplayPort OUT	DisplayPort OUT	DisplayPort OUT	DisplayPort OUT	DisplayPort OUT		
		Connector type	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort	DisplayPort		
		Signal that can be output	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)	DisplayPort IN, USB Type-C(DP All Mode)		
		DisplayPort Version	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		
		HDCP	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3	1.3/2.3		
		Daisy Chain Support (DP or USB-C)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)	Yes(DisplayPort)		
		Max number of connections in MST, via HDCP	2	2	2	2	2	2	2	2	2		
		Max number of connections in MST, without HDCP	4	4	4	4	4	4	4	4	4		
		Max number of connections in SST, via HDCP	4	4	4	4	4	4	4	4	4		
		Daisy Chain Support (DP or USB-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)	Yes(USB type-C)		
		Max number of connections in MST, via HDCP	2	2	2	2	2	2	2	2	2		
		Max number of connections in MST, without HDCP	2	2	2	2	2	2	2	2	2		
		Max number of connections in SST, via HDCP	4	4	4	4	4	4	4	4	4		
		Max number of connections in SST, without HDCP	4	4	4	4	4	4	4	4	4		
		6.3. Audio output	Terminal 1	Terminal name	HEAD PHONE OUT	HEAD PHONE OUT	HEAD PHONE OUT	HEAD PHONE OUT	HEAD PHONE OUT	HEAD PHONE OUT	HEAD PHONE OUT	HEAD PHONE OUT	
			Connector type	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	
		6.4. Speaker	Integrated Speaker	Support	No	No	No	No	No	No	No	No	
			Option Speaker	Support	No	No	No	No	No	No	No	No	
		7. Function	7.1. User Interface	Multi-lingual OSD	Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
				Languages	English	English	English	English	English	English	English	English	English
					German	German	German	German	German	German	German	German	German
					French	French	French	French	French	French	French	French	French
					Spanish	Spanish	Spanish	Spanish	Spanish	Spanish	Spanish	Spanish	Spanish
					Italian	Italian	Italian	Italian	Italian	Italian	Italian	Italian	Italian
					Swedish	Swedish	Swedish	Swedish	Swedish	Swedish	Swedish	Swedish	Swedish
					Russian	Russian	Russian	Russian	Russian	Russian	Russian	Russian	Russian
					Chinese	Chinese	Chinese	Chinese	Chinese	Chinese	Chinese	Chinese	Chinese
					Japanese	Japanese	Japanese	Japanese	Japanese	Japanese	Japanese	Japanese	Japanese
				Control key	Number of support	9	9	9	9	9	9	9	9
Support	Yes, Integrated			Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	
Button type	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)	Touch key(Capacitive)			
Buttons	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT	INPUT			
	MENU	MENU	MENU	MENU	MENU	MENU	MENU	MENU	MENU	MENU			
	<	<	<	<	<	<	<	<	<	<			
	>	>	>	>	>	>	>	>	>	>			
	V	V	V	V	V	V	V	V	V	V			
	A	A	A	A	A	A	A	A	A	A			
	RESET	RESET	RESET	RESET	RESET	RESET	RESET	RESET	RESET	RESET			
	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER			
7.2. Remote control	Number of buttons	8	8	8	8	8	8	8	8	8			
	Support	No	No	No	No	No	No	No	No	No			
7.3. Connectivity with external equipment	USB hub	Support	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated			
	Version	-	3.2 Gen1	3.2 Gen1	3.2 Gen1	3.2 Gen1	3.2 Gen1	3.2 Gen1	3.2 Gen1	3.2 Gen1			

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