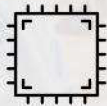# newline
Connect. Create. Collaborate.

TRUTOUCH
RS86+
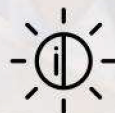

Android 8.0.0

RAM 3 GB

ROM 16 GB (Upto 64 GB)

500 cd/m² Brightness

NEXT GENERATION 4K INTERACTIVE DISPLAYS

CAST Present wirelessly from any network with a single click. Share video, links, and files from any device.

BROADCAST Broadcast content or present wirelessly from a personal device, and invite up to 200 participants to connect from their own.

DISPLAY MANAGEMENT Centrally manage and deploy apps, configure settings, use digital signage and broadcast messages to all your Newline displays.

PRODUCT SPECIFICATION

MODEL NAME — TT-8619RS

ACTIVE SCREEN SIZE ("INCH)	86"
DISPLAY BACKLIGHT	DLED
DISPLAY AREA	1893*1069MM
DISPLAY RATIO	16:9
RESOLUTION	3840*2160
DISPLAY COLORS	10 BIT
LCD BRIGHTNESS	500CD/M2
CONTRAST RATIO (TYPICAL)	15000:1
RESPONSE TIME (TYPICAL)	4MS
VIEWING ANGLE	178*
LIFE TIME (WORKING HOURS)	>50,000 HOURS
DISPLAY ORIENTATION	LANDSCAPE
REFERENCE FREQUENCY	120HZ

ANDROID SMART SYSTEM

CHIPSET	MTK8386
CPU	ARMV8 A73*2+A53*2 (A53 : 1.05-1.3GHZ; A73 : 1.15-1.5GHZ)
GPU	MALI-G51MP2 650 MHZ
RAM	3GB
ROM	16GB BUILD IN (UPTO 64GB)
EXTERNAL MEMORY	32GB TF CARD (BUILD IN)
TOTAL IN-BUILT MEMEORY	48GB (INBUILT TF CARD SLOT SUPPORT MAX 64GB)
ANDROID VERSION	8.0.0
ANDROID RESOLUTION	4K
INTELLIGENT THERMAL PROTECTOR	AUTOMATIC HIBERNATE WHEN OVER HEATED
WIFI DONGLE	AVAILABLE
GUI - GRAPHIC USER INTERFACE	THE DISPLAY MUST HAVE GUI FOR EASE ACCESS OF RESOURCES, FUNCTIONS AND SHORTCUTS. THIS GUI SHALL BE ANY PROPRIETARY OS BUT MUST BE COMPUTABLE WITH ANDROID CODING.
DISCUSSION / WHITE BOARD	BUILD-IN WHITE BOARD (SEAMLESS WRITING)WITH DIFFERENT SIZE OF PEN THICKNESS.BUILT-IN OPTION TO IMPORT PICTURE AND ANNOTATE OVER ON THAT.BUILT-IN OPTION TO ACCESS BROWSER IN ANDROID WHITEBOARD
NEWLINE CAST	(A WIRELESS PRESENTATION SOFTWARE COMES WITH INBUILT FOR IN ROOM PRESENTATION MAXIMUM CONNECTIVITY OF BYOD DEVICES - 4 / 6 USERS (ANDROID 4 USER / WIN 6 USER) CONTROL - THE SETUP SHOULD BE IN SUCH A WAY THAT THE PRESENTER SHOULD HAVE CONTROL OF THE GUI OF THIS REMOTE INTERACTIVE PRESENTATION KIT FROM THE TOUCH INTERACTIVE FLAT PANEL DISPLAY DISPLAY CAPABILITY - EQUIPMENT SHOULD HAVE CAPABILITY TO DISPLAY 4 /6 SOURCES AT A TIME SYSTEM SUPPORTED - WIN/MAC/IOS/ANDROID)
NEWLINE DISPLAY MANAGEMENT	CENTRALLY MANAGE ALL YOUR INTERACTIVE DISPLAYS : EASILY MANAGE AND DEPLOY APPS, CONFIGURE DISPLAY SETTINGS, ADD LICENCES, USE DIGITAL SIGNAGE FEATURES OR BROADCAST EMERGENCY MESSAGES TO ALL NEWLINE INTERACTIVE DISPLAYS, WITHOUT EVER HAVING TO LEAVE YOUR DESK.
NEWLINE BROADCAST	SHARE CONTENT TO AUDIENCES OF ANY SIZE HASSLE-FREE BROADCASTING JOINING THE BROADCAST IS SIMPLE:ACCESS THE BROADCAST WEBPAGE AND SHARE YOUR SCREEN IN REAL-TIME FROM YOUR NEWLINE DISPLAY TO ANY PARTICIPANT CONNECTED. EASILY INVITE UP TO 200 PARTICIPANTS TO CONNECT THEIR OWN DEVICE FROM THE MEETING ROOM, CLASSROOM, LECTURE THEATER OR ANY OTHER PLACE IN THE WORLD WITH A NETWORK CONNECTION.
OTHER FEATURES	THE ONBOARD SYSTEM SUPPORTS....ANNOTATION, SAVING AND SEND EMAIL OF ANNOTATION FILES AND SELECTING THE INPUTS AND CHANGING THE VOLUME , SCHEDULING FUNCTION FOR MEETING ROOM SCHEDULES , BUILDIN WIFI(2.4G/5G) AND SO ON
FILE COMMANDER	HELPS TO EASILY OPEN YOUR USB DRIVE AND ACCESS YOUR DOCUMENTS / FILES . ADDITIONAL FEATURES IN FILE COMMANDER : ADD CLOUD : CLOUD BASED FILE STORAGE SERVICES ARE AVAILBALE . USER CAN DIRECTLY DOWNLOAD THEIR DOCUMMETS OR FILES AND ACCESS DURING PRESENTATION. FTP : FILE TRANSFER PROTOCOL (FTP) IS THE COMMONLY USED PROTOCOL FOR EXCHANGING FILES OVER THE INTERNET LOCAL AREA NETWORK : A LOCAL AREA NETWORK (LAN) IS A GROUP OF COMPUTERS AND ASSOCIATED DEVICES THAT SHARE A COMMON COMMUNICATIONS LINE OR WIRELESS LINK TO A SERVER.
EMAIL SUPPORT	PRE LOADED AQUA MAIL - YOU CAN EASILY EMAIL YOUR WHITEBOARD CONTENT TO ANYONE
BUSINESS CALENDAR	A PRE LOADED BUSINESS CALENDAR IS AVAILABLE YOU CAN SET SCHEDULES AND SYNCHRONIZE WITH GOOGLE CALENDAR FOR MEETING ROOM SCHEDULES

POWER CONSUMPTION

POWER CONSUMPTION	"Maximum ≤450W Standby Mode ≤0.5W"
WORKING VOLTAGE	AC 100-240V, 50/60Hz

TOUCH

TOUCH SURFACE MATERIAL	TOUGHENED TEMPERED GLASS
TOUCH SURFACE TECHNOLOGY	ANTI-GLARE GLASS
PROTECTION	3M ANTIGLARE
TRANSPARENCY	>88%
HAZE	2%~5%
TOUCH SURFACE HARDNESS	H7
TOUCH SENSOR	INFRARED TOUCH
TOUCH POINTS	20 POINTS UNDER WINDOWS 10 POINTS UNDER ANDROID
TOUCH SCREEN WRITING TOOLS	NANO PEN (>3MM WIDTH) INCLUDED OR FINGER
TOUCH RESPONSE TIME	≤4MS
POSITIONING ACCURACY	±1MM
TRANSMISSION RANGE	5M
COMMUNICATION INTERFACE	USB

SPEAKER

SPEAKER POSITION	FORWARD
SPEAKER RATED IMPEDANCE	8Ω
SPEAKER FREQ.RESPONSE	180HZ-20KHZ
SPEAKER MAX.POWER OUTPUT	15W*2

TRANSPORTATION/STORAGE

STORAGE TEMPERATURE/HUMIDITY	-15*~55*/20*90*RH(NON COAGULATION)
WORKING TEMPERATURE/HUMIDITY	0*-40*/20*80* RH(NON COAGULATION)
INSTALLATION METHOD (OPTIONAL)	WALL-MOUNTED / FLOOR STAND
OUTLINE DIMENSION (WITHOUT WALL MOUNT BRACKET THICKNESS)	2019*1212*109MM
PACKING DIMENSION	2170X1345X275MM
NET WEIGHT	APPROX.72KG
VESA MOUNT	800X400MM
GROSS WEIGHT	90±2KG

ANDROID SMART SYSTEM

CUSTOMIZED GUI	USER CAN EASILY CUSTOMIZED THEIR OWN BACKGROUND AND LOGO'S
MULTIMEDIA FILE FORMATS SUPPORTED	SUPPORT ALL MAJOR TYPES OF MULTI-MEDIA FILES
OBJECT RECOGNITION	THIS PRODUCT SUPPORTS OBJECT RECOGNITION AND PRODUCES DIFFERENT EFFECTS ACCORDING TO THE DIAMETER AND SIZE OF THE INPUT OBJECTS. ●FIST/PALM: IDENTIFIED AS AN ERASER (100 PT). ●FINE PEN (3MM): SUGGESTED TO USE WHILE WRITING. ●THICK PEN (≥ 8 MM)/ FINGER: SUGGESTED TO USE WHEN YOU WANT TO HIGHLIGHT
SMART EYE PRODUCTION	SMART EYE PROTECT KEEP YOUR EYE VISION SAFE FROM IFPD'S LIGHT
BLUE LIGHT FILTER	BLUE LIGHT CONTRIBUTES TO DIGITAL EYE STRAIN; IFPD'S GLASSES THAT BLOCK BLUE LIGHT MAY INCREASE COMFORT FOR USERS
OTA (OVER-THE-AIR) UPDATE	UPGRADE THE LATEST FIRMWARE FOR YOUR DISPLAYS THROUGH OUR OTA UPDATE SUPPORT AND KEEP THEMRUNNING SMOOTHLY AT ALL TIMES
OPS PC	AVAILABLE

AV PORTS

FRONT INTERFACE INPUTS	HDMI 1.4 1, USB(TOUCH) X 1, USB(PUBLIC) X 2, MICX1
REAR AV INPUTS	HDMI 2.0(4K@60HZ*2) X 2, DP1.2(4K@60HZ) X 1, VGA (1920X1080@60HZ)X1 & PC AUDIOX1 , USB(TOUCH) X 4
OTHER	USB2.0(PUBLIC) X 1,USB3.0(PUBLIC) X 1, USB 2.0 EMBEDDED X 1, RS232 X 1, RJ45 X 2, OPS SLOTS(4K@60HZ) X 1,DC 5V-2A OUT, LINE OUT X1, SPDIF OUT X1
MULTIMEDIA FILE FORMATS SUPPORT	IMAGE: JPEG, BMP, PNG VIDEO: MPEG1, MPEG2, MPEG4, SORENSONH.263,H.263,H.264,HEVC/H.265,MVC, AVS,AVS+,WMV3,VC1,MOTION JPEG,VP8,VP9,RV30/RV40 AUDIO:MPEG1/2 @LAYER1,@LAYER2,@LAYER3,EAC3,ACC-LC,HEAAC,VORBIS,LPCM, IMA-ADPCM,MS-ADPCM,G711 A/MU-LAW,LBR(COOK),FLAC

CERTIFICATES

REGULATIONS	ROHS, EMC, FCC, LVD

BUILT-IN APPS

Everything you need to schedule meetings, manage e-mails, save and open files with the cloud and work on documents, all with Newline's built-in apps. Collaborate locally and remotely, easily

Office Viewer · Business Calender · Calculator · E-mail · File Commander · Gallery

newline
Connect. Create. Collaborate.

HiteVision