Legamaster

We make communication visible

55″

65″

75″

86″

ETX-20 SERIES

ETX & ETX Plus touchscreens

ETX-20 SERIES
Experience flexibility

Designed specifically to meet the needs of modern offices and educational facilities. Transform any meeting, education lesson or presentation into a highly effective interactive experience with the ETX-20 series touchscreens.

The ETX-20 series is incredibly versatile

Due to the embedded Android environment, the ETX offers a ready-to-use experience. The most used applications such as a whiteboard, document-camera and casting app are already preprogrammed. For those looking to expand their ETX experience we offer an appstore with millions of apps. Of course, the ETX also offers you the possibility to use a Legamaster OPS computer or connect an external computer. As a result, users and administrators can create a platform that best suits their wishes.

Show your materials from any device

Mirror your laptop or smartphone to the screen or let others share their mobile device. Choose your own castingapp or one of ours! We have multiple integrated applications for easy screensharing like EShare or AirServer.

Countless options to get access to your files

You want to be able to open and edit your files easily and quickly on your ETX touchscreen. Log in to your own Cloud environment or connect with a wireless screensharing cast device like AirServer Connect. Or bring a flash drive into meetings and get access via one of the 3 USB-A 3.0 fast ports. Of course it is also possible to connect your laptop via cable or use the integrated EShare / AirServer application to mirror your content on your ETX touchscreen.

Get the full collaboration experience, together and at distance.

Get your team's or students productivity to a higher level. No boundaries are set, together with our Video conferencing camera and soundbar we make sure that every meeting is fun and easy! Plug and play, experience high quality video conferences with vibrant sharp sound.

Secure your screen

Administrators have the possibility to use various security tools to accommodate security demands. Go on-network or off, secure your apps with the AppLocker or disable the Android environment. It is even possible to disable and lock Wi-Fi or Bluetooth and prevent app installation and uninstallation.

Natural handwriting
Use a high precision stylus for the best writing experience

Automatic Human presence detection
Possible with our Proximity sensor

Razor sharp and high-quality images
4K UHD resolution with anti-glare finish

One-button operation
Prominently located on the front bezel, enables fast and efficient access to the main menu

Enhanced sound
Easily reach the back of the meeting room with the additional Legamaster Soundbar

Security matters
On/off settings, apps and Android can all be disabled

Optimized for windows 10 Intel®
OPS standard PC modules add fully integrated computing performance to your Legamaster ETX touchscreen

Optical bonded glass on ETX Plus
Increases image quality, reduces glare and improves touch experience

Over the air updates
Keep your screen up to date without effort

ETX-20 SERIES
For education

Which tools do you need in today's classroom to teach students the skills they will need tomorrow?

The ETX has proven itself to be one of our most powerful teacher-friendly solution, adaptable to any school environment. Adjust the screen to your wishes, combine different accessories and discover new ways of teaching. We offer the complete solution with additional side panels and tools like erasers, styli and height adjustable mounting stands.

Draw and write as never before
With our integrated whiteboard and annotation applications that can be accessed at any time. Create, capture and share your teaching materials or assignments via email, USB or QR-code.

Focus on what really matters
With Viso device management and our over-the-air updates, updates to software, apps and firmware are all managed remotely by the IT department, allowing teachers to fully focus on teaching.

Make learning more fun with UBoardMate CC
UBoardMate CC is a collaborative presentation software for our Legamaster touchscreens. Do you want to upgrade your lessons to a higher level? With UBoardMate CC you can prepare and give fun interactive lessons. Get the chance to keep students interest every minute of your lesson. Prepare your materials in UBoardMate CC on your laptop or computer whenever you want, then open your prepared presentation or lesson on the touchscreen for an inspiring dynamic session.

ETX-20 SERIES
For corporate

The most flexible all-round meeting room solution that fits your needs!

The traditional meeting room has changed significantly over the recent years, now facilitating group collaboration work as well as bringing remote workers into the meeting environment in an inclusive way. Turn your compatible ETX touchscreen into a full-fledged video conference system in an instant.

Upgrade with even more flexibility and performance
OPS standard PC modules add fully integrated computing performance with Windows 10. It is designed in such a way that you can optimally use your touchscreen with among others MS Office and any video conference application.

Edit & annotate in seconds
Get more out of your well-known software tools during a collaborative session. The ETX touchscreen allows easy access, on the spot editing and annotating over MS Office and PDF documents, images or videos.

Natural writing experience
The PLUS editions of the ETX-20 screens even step-up the touch experience as it comes with optically bonded panels. These screens eliminate any parallax-effects, reduce reflections and make sure your finger or stylus interacts exactly where you want it to. It's like writing on the most versatile piece of paper you have ever seen.

ETX-20 SERIES
Wireless screen mirroring applications

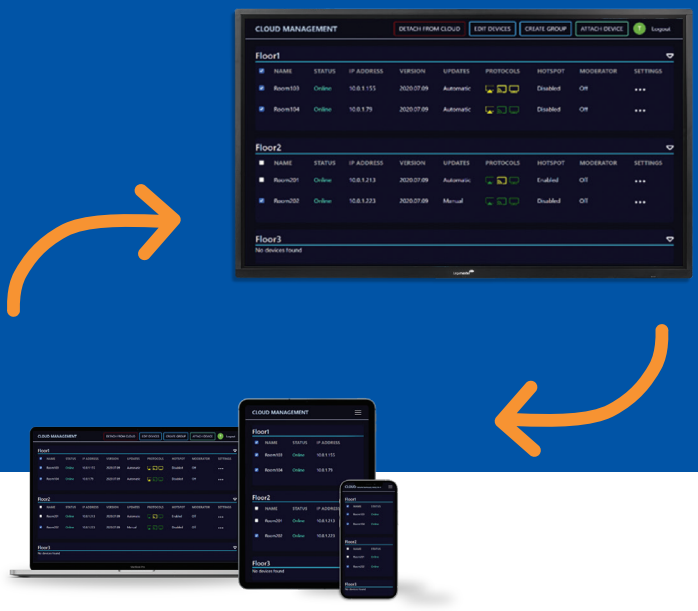
Give stress free wireless presentations and share every document you want within a second with our wireless screen mirror possibilities. Connect your way: choose between the integrated AirServer application and EShare application or purchase an AirServer Connect hardware solution. The choice is yours!

AirServer application
The AirServer application is integrated in your ETX touchscreen. It allows mirroring of iOS, Windows, Android and ChromeOS devices without the need of installing apps or other software. We highly recommend your ETX to be connected to your network with an ethernet cable.

Windows Touch experience
Enjoy a smooth and easy touch experience with the integrated AirServer App. With touch-back over Miracast you can control your Windows PC from the screen.

Security PIN and Network Discovery
The in App configuration lets you set a security PIN code or disable an entire protocol to keep your meeting secure. You can also enable a QR-code discovery mode for a direct connection and a Bluetooth discovery option custom designed for iOS.

Support for all major operating systems



EShare
EShare is a wireless screen-sharing application that will not only allow you to collaborate and cast your device's screen content but also enables you to directly and seamlessly share files to the apps client. This provides the user with an easy and reliable way of integrating with all the built in tools of our product.

Just download the App on your Laptop / Mobile device and connect to the EShare screen, start your collaboration session and you are ready to go.

Multiple different screens on your display
Up to 9 devices can mirror to the ETX screen simultaneously. A moderator function helps teachers or presenters to decide which devices are allowed to mirror or share content.

Have the ability to annotate directly to the screen with your device!
With EShare you have the possibility to take notes directly from your phone. These will be immediately visible on your touchscreen.

Cast from your touchscreen directly to your mobile device.
As you can share your device to the screen you also have the option to share your screen's content to your own device!

Compatible with:

Mobile Device Management
Radix Viso

Get full remote control with Radix Viso. Making remote device management tasks easier than ever before.

Device Central Management

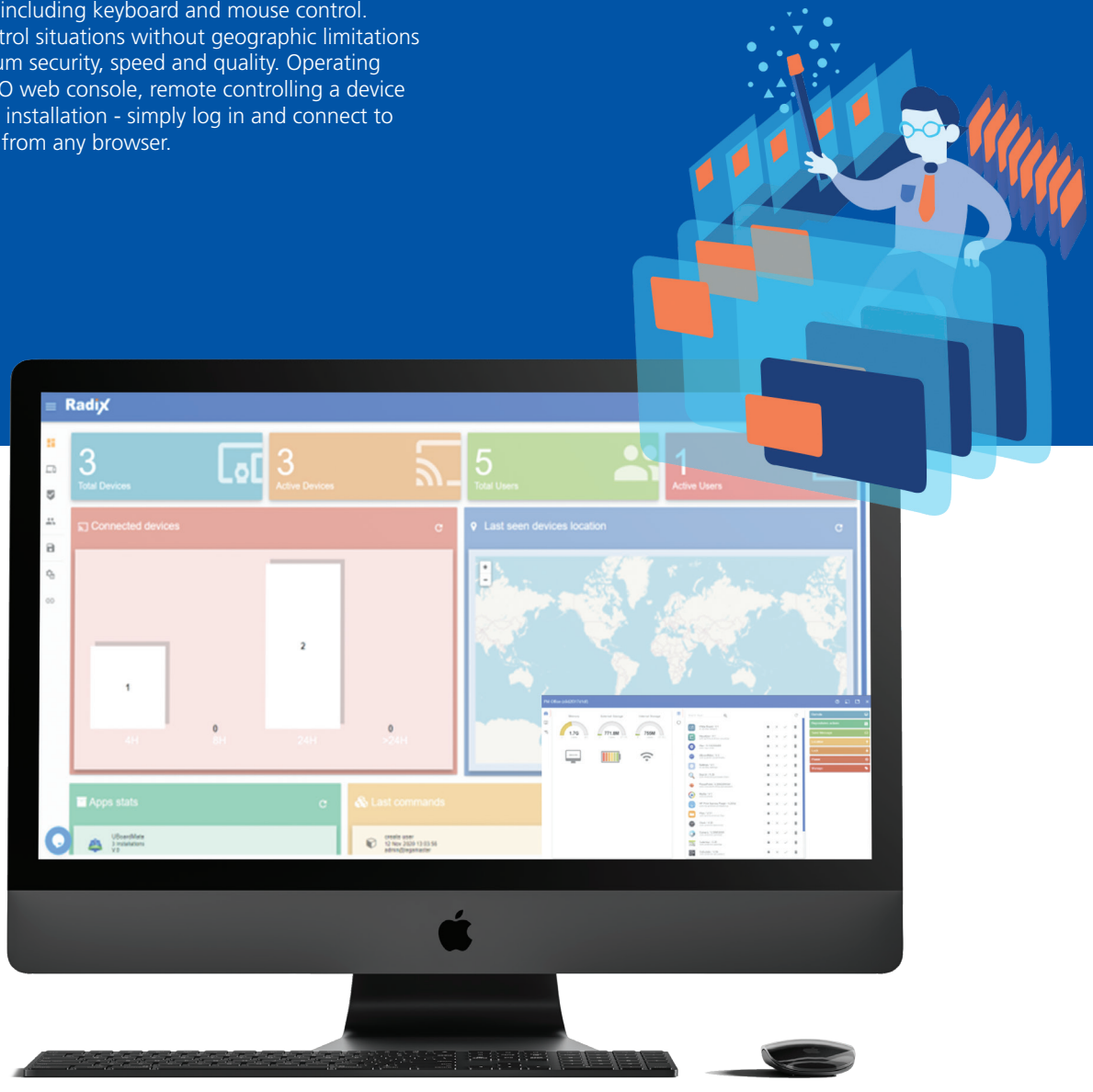
VISO MDM lets you monitor, manage and control all your devices from one easy-to-use cloud-based platform. The straightforward interface lets you complete complex configurations with ease for countless devices. With a focus on digital management, VISO MDM provides a customizable interface for IT administrators. It has never been so easy to effectively manage a large number of interactive touchscreens.

Remote Control Management

Perform technical support tasks without limits, control remote clients and assist users. Work alongside or take over the screen, share files, execute remote shell commands and much more. VISO provides help desks the ability to control devices remotely, get a real-time view of the device screen along with full "touch control" capabilities including keyboard and mouse control. Manage remote control situations without geographic limitations yet maintain maximum security, speed and quality. Operating directly from the VISO web console, remote controlling a device requires no software installation - simply log in and connect to your remote devices from any browser.

- Update or delete apps
- Install extra apps or documents
- Send push messages or emergency notifications
- Analyse and optimize device usage across your organization with detailed device usage reports
- Group and tag devices according to predefined criteria

Support for all major operating systems

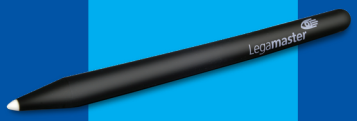


Accessories
Upgrade your ETX

Do it your way!
Legamaster doesn't 'just' offer great touchscreens. We build complete solutions that enable people to shine! Choose from our extensive line of electrical / manual height adjustable or fixed mounting solutions. Combine your screen with one of our video-conferencing or collaborative software solutions or use Legamasters catalogue of premium visual communication products to really transform your workspace into a collaborative experience.

School solutions that help teachers get the most out of their lessons!
For schools and universities, Legamaster offers a range of (whiteboard) sidepanels, pen-trays and many more! The possibilities are endless… Put the power of Windows in your ETX screen to get access to the incredible capabilities of Microsoft Office. Or integrate a soundbar and subwoofer with an EasyFix video conferencing camera to complete your hybrid classroom environment.

Proximity sensor



Stylus pen

OPS Computer

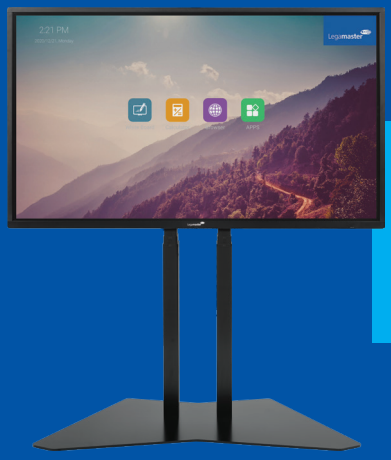
EasyFix video conferencing camera

Designed to enhance modern working meeting rooms
Equipping a meeting room? Think about the ease of having a proximity sensor automatically switching the screen on and off or having a fixed (camera and microphone array) videoconferencing solution that is ready to go whenever you want it to. No more hassle with third-party hardware, cables and other connections, just a solution that supports every user the way they want to.

Accessories
Mounting solutions

The moTion mounting solution range brings innovative contemporary design together with modern technology that fits perfectly in any office space or educational facility. Compatible with all ETX touchscreens, the user-friendly height-adjustable mounting solutions can be quickly and safely adjusted at any time.

moTion mobile stand - MS-12S
Every meetingroom, classroom or boardroom is unique. Would you like a mounting solution that you can move from one office to another? Be fully flexible in the choice of your workspace with the moTion mobile stand. With high quality TENTE castors which make it easy to move even our larger size touchscreens.



moTion Freestanding FCS-12XL
Create a modern workspace that allows your touchscreen to be positioned anywhere, without having to attach it to a wall. The cable compartment hides messy cables and multi sockets resulting in a neat and tidy set up.

moTion column system CS-12S
This wall mounted moTion column system can be the perfect solution for screens which are permanently placed in any modern office space or classroom. With an optional wide wall bracket allowing flexible, safe and secure fixing to e.g. gypsum walls.

ETX-20 SERIES
Technical specifications

Product Information

ETX: 20 Series

- **55 Inch**
  KEA 7-803120-55
- **65 Inch**
  KEA 7-803120-65
- **75 Inch**
  KEA 7-803120-75
- **86 Inch**
  KEA 7-803120-86

ETX: 20 PLUS Series

- **65 Inch**
  KEA 7-803120-65P
- **75 Inch**
  KEA 7-803120-75P
- **86 Inch**
  KEA 7-803120-86P

Dimensions & weight

- **Panel Dimensions**
  55" 1268×792×90mm
  65" 1489×919×91mm
  75" 1709.7×1042.4×94.8mm
  86" 1957.2×1181.9×94.8mm
- **Packed Dimensions**
  55" 1414x901x232mm
  65" 1665x1079x228mm
  75" 1875x1186x231mm
  86" 2110x1300x288mm
- **Net Weight**
  55" 34.30Kg
  65" 43Kg
  75" 55.90Kg
  86" 66Kg
- **Packed Weight**
  55" 45Kg
  65" 56Kg
  75" 75.80Kg
  86" 82Kg
- **VESA Mount**
  55" 400×400mm
  65" 600×400mm
  75" 800x400mm
  86" 800×600mm

Panel / display

- **Diagonal Size**
  55" 65" 75", 86"
- **Screen Type**
  TFT LCD - Direct LED Backlight
- **Aspect Ratio**
  16:9
- **Display Colours**
  1.073,3M
- **Resolution**
  4K UHD (3840x2160 @60Hz)
- **Response Time**
  8ms
- **Refresh Rate**
  60Hz
- **LCD Viewing Angle**
  178˚
- **Brightness**
  400 cd/m2 (75"350 cd/m2)
- **Display Control**
  Touch OSD, Keypad,
  RS-232C, IR remote controller
  Contrast Ratio
- **ETX-20 55", 65", 75", 86"**
  4000:1
- **ETX-20 Plus**
  65"& 75"4000:1
  86"1200:1
- **Dynamic Contrast Ratio**
  10000:1
- **Life of Screen**
  40000 hours

Glass

- **Glass Hardness**
  Tempered Glass - Mohs Level 7
- **Glass Treatment**
  Heat tempered - etched anti-glare
- **Glass ETX-20 Plus Series**
  Optical bonding for 65", 75", 86" plus series

Connectivity

- **OPS Slot**
  1 - Intel® spec
- **HDMI 2.0 In**
  3
- **HDMI Out**
  1
- **USB-A 2.0**
  1
- **USB Touch (type B)**
  3
- **USB A 3.0 (faster data transfer)**
  3
- **USB C**
  1 (100W power delivery, DisplayPort, USB 3.0)
- **LAN (RJ45)**
  2 (1x10/100/1000, 1x 10/100)
- **RS-232**
  Yes
- **Wake-On-Lan**
  Yes
- **Bluetooth**
  Yes - 5.0
- **Displayport In**
  1
- **VGA In**
  1
- **Output Connectors**
  HDMI, mini-toslink, Audio line-out
- **WIFI**
  IEEE 802.11a/b/g/n/ac (2.4 and 5 GHz bands). 10/100/1000
- **Camera**
  Optional extra
- **Human Proximity Sensor**
  Optional extra

ETX-20 SERIES
Technical specifications

Interactivity

- **Writing Technology**
  Advanced infra-red touch technology
- **Continuous Touch Points**
  32
- **Touch Resolution**
  32768 x 32768px
- **Response Time**
  8ms
- **Touch Accuracy**
  1mm
- **Minimum Object Size**
  1.5mm
- **Touch Tool**
  Finger, Glove, Gesture & Pen
- **Simultaneous Writing**
  Yes
- **Stylus Included**
  2x high precision stylus, 1x double sided stylus
- **Pen & Touch Differentiation**
  Yes
- **Palm Rejection**
  Yes
- **Annotation Over Any Source**
  Yes
- **Classroom Essential Apps**
  Includes Whiteboard, Annotate, Timer, Media Players, Browser, Screen Record, Maths Tools
- **Compatibility**
  Windows 10, Linux, Mac, Android, Chrome
- **Tracking Rate**
  6m/s

Image & sound

- **Colour Temperature**
  Warm, cool, normal
- **Picture Mode**
  Dynamic, standard, soft, user
- **Frequency Range**
  60 hz – 20 kHz
- **Automatic Brightness Adjustment**
  yes
- **Speaker**
  3x15w
- **Graphics**
  Mali G51 MP4

OSD

- **Languages**
  Danish, Dutch, English, Finnish, German, Norwegian, Spanish, Swedish, Italian, Czech, Suomi

Power

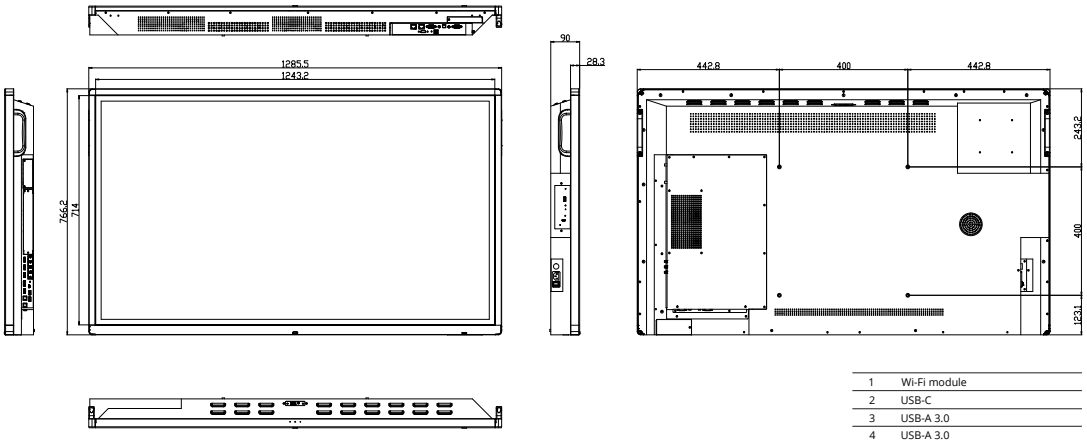
- **Power Supply**
  AC 100-240 V 50 / 60Hz
- **Power Consumption (operate mode)**
  55" 103W
  65" 116W
  75" 145W
  86" 118W
- **Power Consumption (standby mode)**
  0.5 watt
- **Supported OS**
  Android, Linux, Mac OSX, Windows 10, Windows 8.1, Windows 7

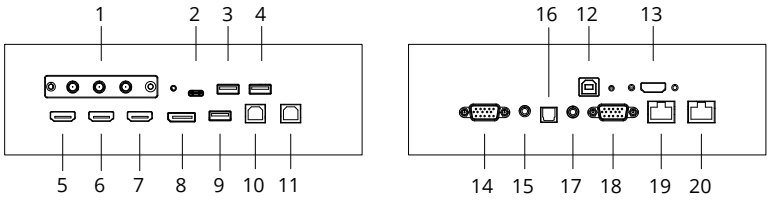
System

- **System Version**
  Android 8.0
- **CPU**
  Arm Cortex A73x2, ARM Cortex A53x2
- **Internal Memory**
  4gb
- **Disk Storage**
  32 gb

ETX-20 SERIES
Technical drawings

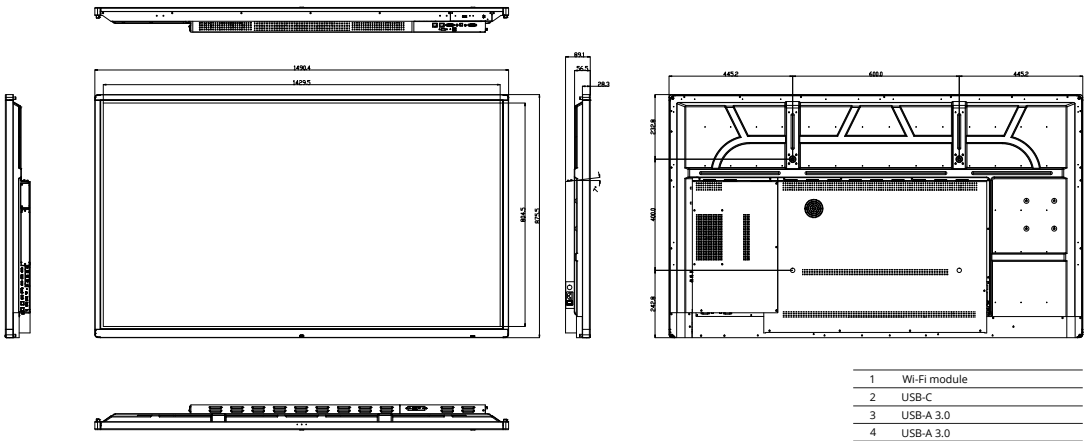
ETX- 5520 | **55”**

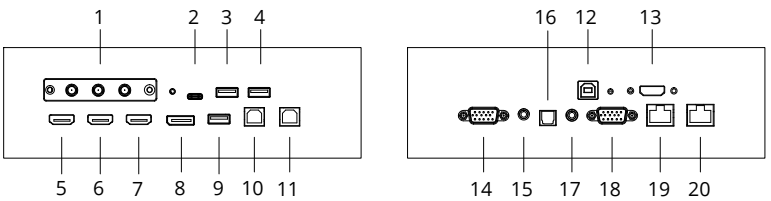




1	Wi-Fi module
2	USB-C
3	USB-A 3.0
4	USB-A 3.0
5	HDMI out
6	HDMI (ARC) 1
7	HDMI 2
8	DisplayPort
9	USB-A 2.0
10	Touch USB 1
11	Touch USB 2
12	Touch USB 3
13	HDMI 3
14	VGA (PC)
15	PC audio in
16	SPDIF
17	Audio out
18	RS232
19	LAN
20	LAN

ETX- 6520 | **65”**





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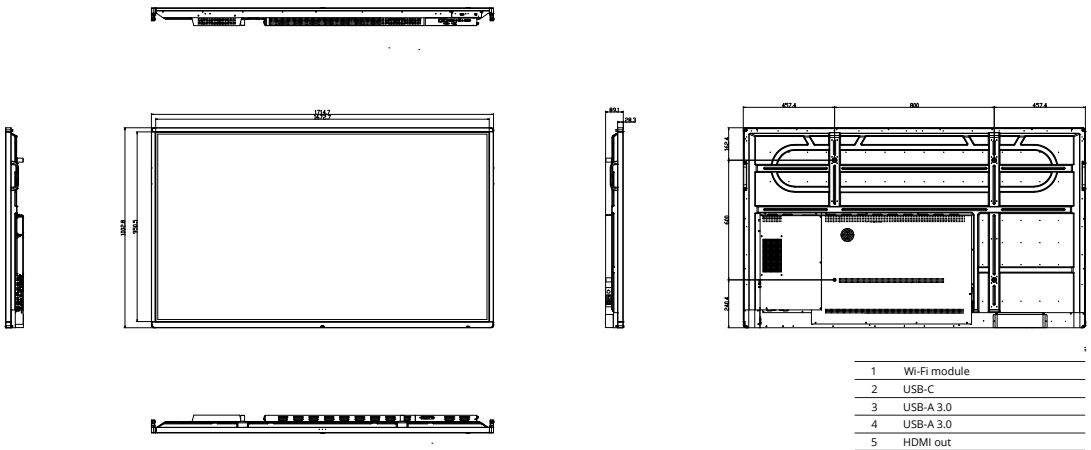
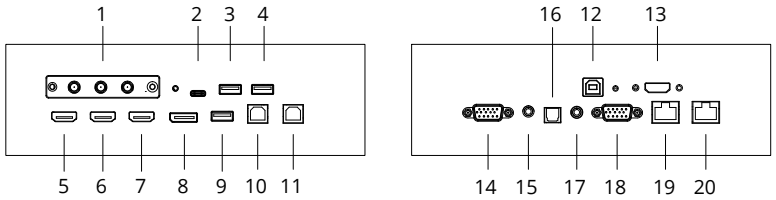
ETX-20 SERIES
Technical drawings

ETX- 7520 | **75”**





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13	HDMI 3
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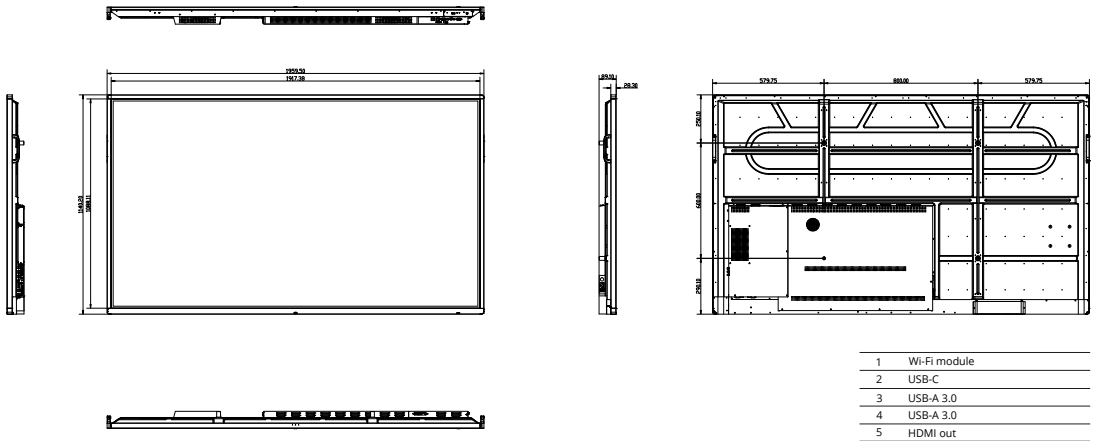
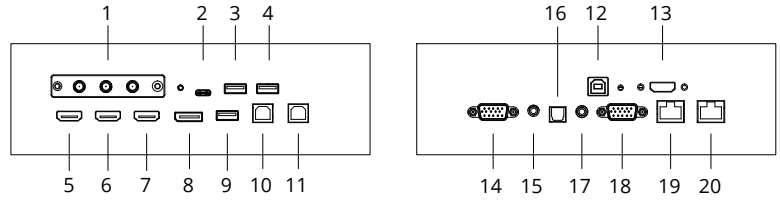
18	RS232
19	LAN
20	LAN

ETX- 8620 | **86”**





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Legamaster_international

Legamaster International B.V.

Legamaster,
Brand of the edding group