IFX+ Series Interactive Flat Panel Displays 2022-2023

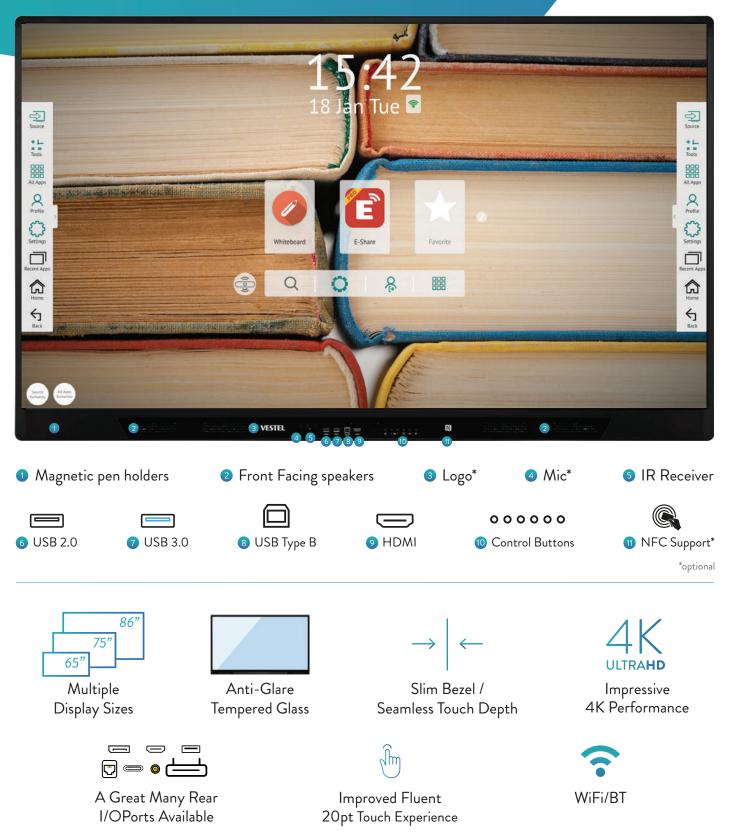




IFX+ Series

IFX Series Overview

Our latest IFX Plus Series displays(65", 75", 86")helps instructors to create an engaging and responsive learning environment, offering fast response touch screen technology with front accessibility module with front speakers, front input/outputs, far field microphone, embedded proximity sensor, and NFC reader. The series is also equipped with scratch resistant 4 mm antiglare tempered glass and IR 20-point touch points.



Features



Display Features



Impressive 4K Performance

Exceptional viewing creates superior picture quality with 4K resolution and 178-degree viewing angle.



Eye-care Solution

Designed to reduce eye strain with flicker-free screen@ at maximum brightness level.



Anti-shatter toughened glass

Anti Glare Tempered Glass

The anti-glare coating prevents excessive light reflection and provides a smooth touch performance. Toughened glass is incorporated into the robust design of the display to avoid accidental damage to the screen.

SoC Features

Equipped with powerful CPU/GPU and high memory configuration, IFX series runs all the applications smoothly.



Quad

Core CPU

P

Customized

Android 9 OS



D Enhanced

Graphics





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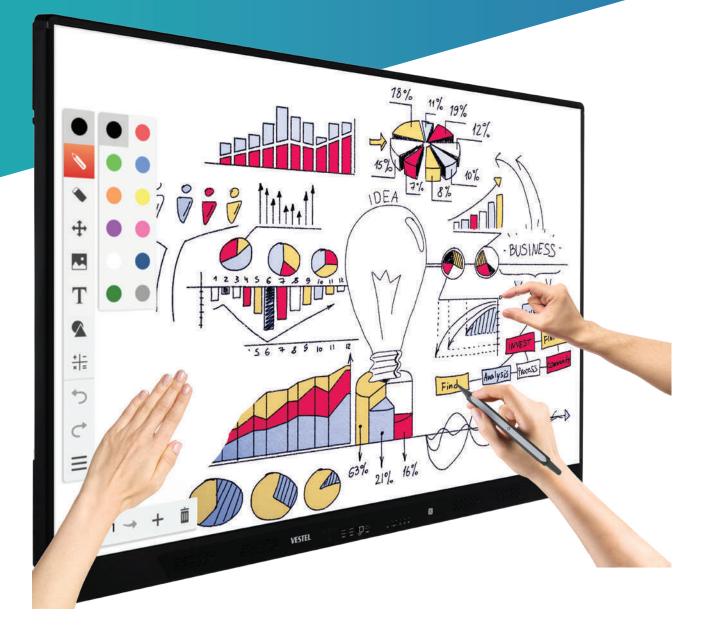


4 GB DDR4 Options

64 GB eMMC Options

WiFi 5 Gbit Eth BT 5.0

Features



Touch Features

Improved Fluent Touch Experience

Incorporating the latest 20 point IR Touch technology with faster response, IFX+ range is designed to allow multiple users to interact simultaneously.

Smooth Touch Support

Super-smooth surface of IFX+ allows for highly precise and user-friendly writing experience.





High precision touch



Connectivity

IFX+ Series includes many ports to cover the highest requirements.

In addition to easily accessible front ports, IFX+ Series is equipped with embedded Wi-Fi and BT modules and many rear I/O ports.

3 x HDMI2.0 1 x USB-A (2.0) 1 x USB-A (3.0) 1 x USB-C (3.0)

- 1 x MicroSD
- 1 x OPS Slot
- 1 x LAN

and more

1 x Gigabit LAN

USB Type-C

USB Type-C (3.0) can transfer 4K video and data whilst powering/ charging mobile devices.

OPS Slot

IFX+ Series is compatible with OPS standard. Adding extra Windows PC on OPS slot enhances processing capabilities of the display.





























OPTICAL SPDIF

FEATURES 5



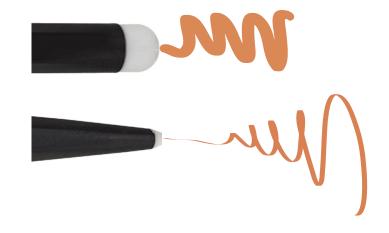
Natural Writing Experience

Professional Pen Design

Passive magnetic pen with 2 different tip sizes can be assigned to different colors automatically.

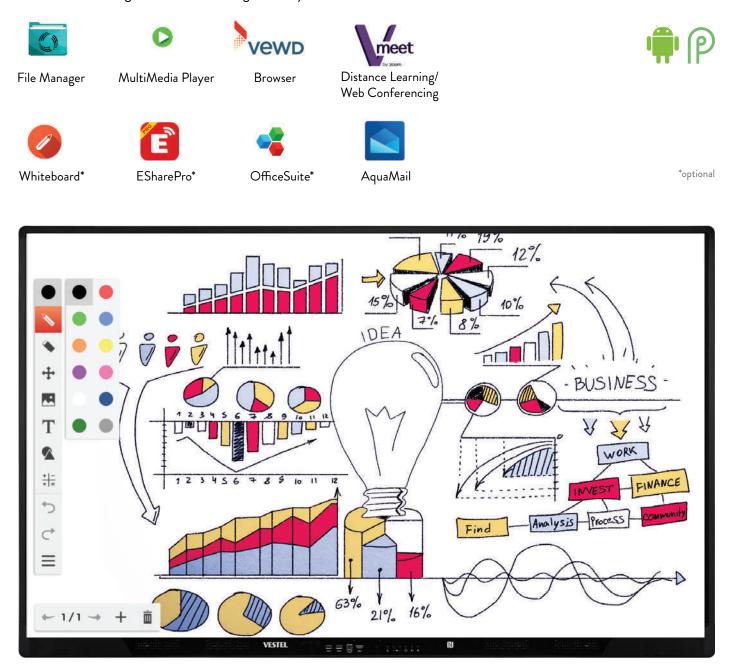
Smooth Dual Pen

Whiteboard with dual-pen feature auto-recognize the color and pen thickness separately.



Array of Android Applications Delivers Different Ways of Student Engagement

The series offers built-in Android 9 with adaptable user interface that covers all the fundamental features needed for teachers and students. The product has many applications such as its own annotation tool as well as Screen sharing/mirroring application, File/Cloud Manager, OfficeSuite to work on documents, Web-Browser, Video-conferencing and Account Management System.



Whiteboard Application for Flawless Teaching Experience

The new IFX+ Series offers a compact whiteboard application design for teachers with the required tools to annotate, draw or highlight using 2 different tip sizes with autorecognition, add texts and media to work on during classes. Whiteboard application can quickly open any cropped screenshots with any annotation done over any source.

Latest features also include infinite canvas, background templates and QR/Email sharing.

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Open/Edit Documents with OfficeSuite

OfficeSuite application lets users open, edit, and write into any document, spreadsheet, and presentation. With cloud access, users will have the freedom to access their personal documents easily across their accounts.

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Internet Browser to Access Internet Content for Classroom

Using Vewd as the embedded internet browser, the new IFX+ Series is able to access the internet and with the help of the quick palette, teachers will be able to annotate the content and take screenshots and work on them for more effective learning.

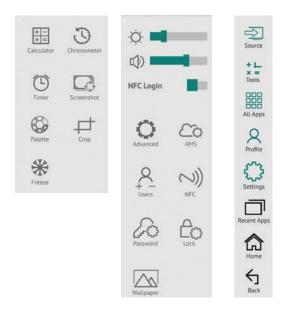


Quick Tools and Settings

The usage of IFX+ Series becomes more efficient and easy, with the new quick tools (Calculator, Chronometer, Timer, Screen Capture, and Crop) and quick settings (volume/ brightness settings, Screen Lock, NFC Settings, and more) for teachers.

Enhanced User Experience

The new IFX+ Series creates a tailored teaching experience while offering a unified Navigation Toolbar. New User Interface unites all the necessary tools for teachers to shape the classroom environment.





Powerful Speakers

2x20W front-facing speakers can easily be effective even in the largest classrooms without any need to add external speakers.



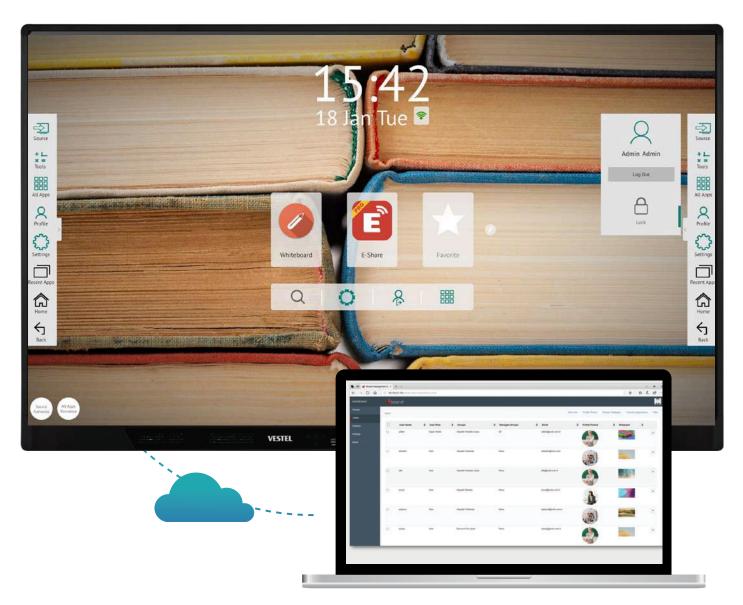
Flexible Pen Usage on Any Content

The newly introduced Quick Palette tool provides teachers with the needed tools to annotate on any classroom content and/or any Source. Quick Palette tools include features such as pen and highlighter, screenshot, and screen-crop.



Everything You Need is Within Reach

The new IFX+ Series has front access ports which ease the operation. The USB ports can be used for the prepared ready documents. In addition, the teachers can connect their own laptops through HDMI port. Furthermore, a touch USB port is available for an external PC usage. Front buttons grant the ability to control the display in the easiest way possible.



Profile Management for Customization and Security

One of the prominent features of the new IFX+ series is the profile management system. Users are allowed to use the display only after they are logged in using their identified PINs. The cloud-based Vestel Board Management system can be used by IT managers to set up teacher profiles securely:

- ✓ User/Password creation
- ✓ NFC ID settings
- \checkmark UI Customization for background and profile images
- ✓ Favorite Apps selection for users



- Display and Group management
- ✓ Device control with commands
- ✓ Cloud file management



Utilizing embedded Wi-Fi technology the new IFX+ Series provides Eshare application, multi-screen interactive screensharing tool.

Using only QR codes, users can connect to the display by any device (Windows, Android, MacOS, iOS, Chrome), create Multiscreen experience, and annotate on the display wirelessly.

Distance Learning

With Vmeet, IFX+ series can create meetings, join the meetings and share the educational material to any student. Addition of distance learning solution facilitates the teacher's reach to the students outside the class.



Specifications IFX654-4P

Dianlass	
Display	
Screen Size	65"
Backlight Type	Direct-Type LED
Brightness (Nits)	350 cd/m ²
Native Resolution	UHD: 3840 x 2160 HDR10
Aspect Ratio	16:9
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	35000:1
Life Time (typical)	50000 Hrs
	8 ms
Response Time (typical)	
Active Area (H x V)	1428 x 803 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Haze Level	8%
Refresh Rate	60 Hz
Glass Type	4 mm Tempered, Anti-Glare
Glass Hardness	8 Mohs
	C Maria
Built-in System	
Mainboard Model	MB400VS
Operating System	Customized Android Pie 9.0
CPU	CA55 Quad core
GPU	Mali-G31 MP2
Storage	64 GB EMMC
Memory	4 GB DDR4
Wired	10/100/1000 Mbps Ethernet
WiFi	WiFi 5 (802.11 a/b/g/n/ac)
Bluetooth	BT 5.1
Front Accessibility Interface	
Front I/Os	USB-A (2.0 / autoswitch for Android & OPS), USB-A (3.0 / autoswitch for Android & OPS), 1 x USB-B (touch out), 1 x HDMI2.0 Input
Console Buttons	Standby on/off, Volume up, Volume down, Touch enable/disable, Source Change, Settings
IR Receiver	Fixed on bezel
Audio	2x20 W - Front Facing Speakers
Pen Holder	
	Integrated Magnetic Tray
Rear Connections / Interface	
AV Inputs	2 x HDMI2.0 (HDCP2.2) , 1 x HDMI2.0 (Daisychain Input), MicroSD (up to 1TB), OPS Interface
AV Outputs	1 x HDMI2.0 (Daisychain Output), Headphone(Line-out), Optic SPDIF
USB Ports	1x USB-A (2.0), 1x USB-A (3.0), 1x USB-C (3.0)
Rear Type-C Features	Data transfer: USB3.0, Charging capability: 15W, DP alternate mode: 4K video stream
LAN / Control Interface	RJ45 (LAN & Control), 3.5mm jack(RS232 Control), 2 x RJ12 (Sensor Box & service input)
Connector Configurations	Side: HDMI / Headphone / OPS Interface, Bottom: USB / RJ45 / RS232 / MicroSD, Back: RJ12 / SPDIF
	Side. HDWT/ Headphone / OFS interface, bottom: 0507 K3437 K32327 Microso, back: K3127 SPDIF
User Experience	
Home Page	Personalized Background, Home buttons, Navigation bar, Quick Palette
Launcher	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change
Applications	Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager
Board Management System	Cloud System for User Account Management
Others	Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source
Touch Interactivity	
Type of Touch Technology	Infrared (IR) Technology
Continuous Touch Points	Max. 20 touch points* *Bounded by application's limits
Touch Resolution	32768 x 32768 px
Sensitivity	Any touch with finger, gloved hand or pointer
Compatibility	Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Response Time	< 5 ms
Touch Accuracy	
	+/- 1 mm (over 90% area)
Pen Type	+/- 1 mm (over 90% area) Battery-less Pen
Pen Type Pen Identities	Battery-less Pen 2
Pen Type Pen Identities Object Sizes for Touch	Battery-less Pen
Pen Type Pen Identities Object Sizes for Touch Mechanical	Battery-less Pen 2 2.8 & 10 mm
Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH)	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm
Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH)	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm 1756 x 1100 x 265 mm
Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm 1756 x 1100 x 265 mm 43.75 kg
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Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm 1756 x 1100 x 265 mm 43.75 kg 56.75 kg 400 x 400 mm - M6 B:66 T:15 L/R:15 mm +40°C / 0°C
Pen Type Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm 1756 x 1100 x 265 mm 43.75 kg 56.75 kg 400 x 400 mm - M6 B:66 T:15 L/R:15 mm
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Pen Type Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Power Power Consumption Typical Maximum Features	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm 1756 x 1100 x 265 mm 43.75 kg 56.75 kg 400 x 400 mm - M6 B:66 T:15 L/R:15 mm +40°C / 0°C 90% 110 VAC - 240 VAC 194 W 220 W
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Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Power Consumption Typical Maximum Features Mechanical Features Certification Safety	Battery-less Pen 2 2.8 & 10 mm 1497 x 930 x 113 mm 1756 x 1100 x 265 mm 43.75 kg 56.75 kg 400 x 400 mm - M6 B:66 T:15 L/R:15 mm +40°C / 0°C 90% 110 VAC - 240 VAC 1220 W Slim Bezel, User-Friendly Front Ports and Buttons, Detachable power cable, Carrying handles YES
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Specifications IFX754-4P

Display Screen Size	75"
Backlight Type	Direct-Type LED
Brightness (typical)	400 cd/m ²
Native Resolution	UHD: 3840 x 2160 HDR10
Aspect Ratio	16:9
Contrast Ratio (typical)	1200:1
Dynamic Constrast Ratio	40000:1
Life Time (typical)	50000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1650 x 928 mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)
Haze Level	8%
Refresh Rate	60 Hz
Glass Type	4 mm Tempered
	Anti-Glare
Glass Hardness	8 Mohs
Built-in System	1
Mainboard Model	MB400VS
Operating System	Customized Android Pie 9.0
CPU	
GPU	CA55 Quad core
	Mali-G31 MP2
Storage	64 GB EMMC
Memory	4 GB DDR4
Wired	10/100/1000 Mbps Ethernet
WiFi	WiFi 5 (802.11 a/b/g/n/ac)
Bluetooth	BT 5.1
Front Accessibility Interface	
Front I/Os	USB-A (2.0 / autoswitch for Android & OPS), USB-A (3.0 / autoswitch for Android & OPS), 1 x USB-B (touch out), 1 x HDMI2.0 Input
Console Buttons	Standby on/off, Volume up, Volume down, Touch enable/disable, Source Change, Settings
IR Receiver	Fixed on bezel
Audio	2x20 W - Front Facing Speakers
Pen Holder	
	Integrated Magnetic Tray
Rear Connections / Interface	
AV Inputs	2 x HDMI2.0 (HDCP2.2), 1 x HDMI2.0 (Daisychain Input), MicroSD (up to 1TB), OPS Interface
AV Outputs	1 x HDMI2.0 (Daisychain Output), Headphone(Line-out), Optic SPDIF
USB Ports	1x USB-A (2.0), 1x USB-A (3.0), 1x USB-C (3.0)
Rear Type-C Features	Data transfer: USB3.0, Charging capability: 15W, DP alternate mode: 4K video stream
LAN / Control Interface	RJ45 (LAN & Control), 3.5mm jack(RS232 Control), 2 x RJ12 (Sensor Box & service input)
Connector Configurations	Side: HDMI / Headphone / OPS Interface, Bottom: USB / RJ45 / RS232 / MicroSD, Back: RJ12 / SPDIF
0	
User Experience	
User Experience	Personalized Background, Home buttons, Navigation bar, Quick Palette
Home Page	Personalized Background, Home buttons, Navigation bar, Quick Palette
Home Page Launcher	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change
Home Page Launcher Applications	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager
Home Page Launcher Applications Board Management System	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management
Home Page Launcher Applications Board Management System Others	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager
Home Page Launcher Applications Board Management System Others Touch Interactivity	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits 32768 x 32768 px
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits 32768 x 32768 px
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* *Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android <5 ms +/- 1 mm (over 90% area)
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points *Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Jdentities Object Sizes for Touch Mechanical	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH)	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH)	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH)	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Vesa Mounting Bezel Width	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Product Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Vesa Mounting Bezel Width	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Vesa Mounting Bezel Width Environmental Conditions	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 58.75 kg 70.75 kg 600 x 400 mm - M8 B:66 [T:15] L/R:15 mm
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 58.75 kg 600 x 400 mm - M8 Bio [115] L/R:15 mm +40°C / 0°C
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@R, Windows@B, Windows@IO, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Unight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Supply	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 58.75 kg 600 x 400 mm - M8 Bio [115] L/R:15 mm +40°C / 0°C
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Temperature Operating Humidity Power Power Supply Power Consumption	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points**Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 188.75 kg 70.75 kg 600 x 400 mm - M8 B:66 T15 L/R:15 mm +40°C / 0°C 90%
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Power Supply Power Consumption Typical	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points**Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@R, Windows@B, Windows@10, Vista, XP, Mac@ OS, Linux, Android <5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Supply Power Consumption Typical Maximum	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows07,Windows080, Windows010, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 58.75 kg 600 x 400 mm - M8 B:66 [115] L/R:15 mm +40°C / 0°C 90% 240 W 320 W
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Temperature Operating Humidity Power Power Consumption Typical Maximum Deep Standby	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points**Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@R, Windows@B, Windows@10, Vista, XP, Mac@ OS, Linux, Android <5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Power Supply Power Consumption Typical Maximum Deep Standby Certification	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8,Windows@10, Vista, XP, Mac@ OS, Linux, Android <5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Unimensions (WxDxH) Package Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Humidity Power Power Supply Power Consumption Typical Maximum Deep Standby Certification Safety	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/-1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 58.75 kg 600 x 400 mm - M8 B:66 [T:15 L/R:15 mm +40°C / 0°C 90% 110 VAC - 240 VAC 240 W 320 W 421 W
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width Environmental Conditions Operating Temperature Operating Temperature Operating Humidity Power Power Consumption Typical Maximum Deep Standby Certification Safety EMC	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Ersse, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@0, Vista, XP, Mac@ OS, Linux, Android < 5 ms
Home Page Launcher Applications Board Management System Others Touch Interactivity Type of Touch Technology Continuous Touch Points Touch Resolution Sensitivity Compatibility Response Time Touch Accuracy Pen Type Pen Identities Object Sizes for Touch Mechanical Product Dimensions (WxDxH) Package Dimensions (WxDxH) Package Dimensions (WxDxH) Package Weight Package Weight Package Weight Package Weight Derating Temperature Operating Temperature Operating Humidity Power Power Consumption Typical Maximum Deep Standby Certification Safety	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager Cloud System for User Account Management Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source Infrared (IR) Technology Max. 20 touch points* "Bounded by application's limits 32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7, Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/-1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1721 x 1056 x 113 mm 1990 x 1227 x 265 mm 58.75 kg 600 x 400 mm - M8 B:66 [T:15 L/R:15 mm +40°C / 0°C 90% 110 VAC - 240 VAC 240 W 320 W 421 W

Technical Data and Specifications IFX864-4P

Backlight Type [] Brightness (Nits) 2 Native Resolution [] Aspect Ratio 1	36"
Backlight Type [] Brightness (Nits) 2 Native Resolution [] Aspect Ratio 1	
Brightness (Nits) 2 Native Resolution U Aspect Ratio 1	80
Native Resolution L Aspect Ratio 1	Direct-Type LED
Native Resolution L Aspect Ratio 1	400 cd/m ²
Aspect Ratio 1	
· ·	UHD: 3840 x 2160, HDR10
Contrast Ratio (typical)	6:9
	1200:1
	40000:1
/	50000 Hrs
Response Time (typical) 8	8 ms
Active Area (H x V)	1895 x 1066 mm
0	178° Vert., 178° Hor., (89U/89D/89L/89R) @ CR>10
Color Value 1	I.07 B (10-bit)
Haze Level 8	3%
Refresh Rate 6	50 Hz
	4 mm Tempered, Anti-Glare
Glass Hardness 8	8 Mohs
Built-in System	
	MB400VS
	Customized Android Pie 9.0
CPU	CA55 Quad core
GPU /	Mali-G31 MP2
	64 GB EMMC
,	4 GB DDR4
Wired 1	10/100/1000 Mbps Ethernet
	WiFi 5 (802.11 a/b/g/n/ac)
	·
	BT 5.1
Front Accessibility Interface	
Front I/Os U	USB-A (2.0 / autoswitch for Android & OPS), USB-A (3.0 / autoswitch for Android & OPS), 1x USB-B (touch out), 1x HDM12.0 Input
	Standby on/off, Volume up, Volume down, Touch enable/disable, Source Change, Settings
Audio 2	2x20 W - Front Facing Speakers
Pen Holder I	Integrated Magnetic Tray
Rear Connections / Interface	
	2 x HDMI2.0 (HDCP2.2),1 x HDMI2.0 (Daisychain Input),MicroSD (up to 1TB),OPS Interface
AV Outputs 1	I x HDMI2.0 (Daisychain Output), Headphone(Line-out), Optic SPDIF
USB Ports 1	x USB-A (2.0), 1x USB-A (3.0), 1x USB-C (3.0)
	Data transfer: USB3.0, Charging capability: 15W, DP alternate mode: 4K video stream
LAN / Control Interface F	RJ45 (LAN & Control), 3.5mm jack(RS232 Control), 2 x RJ12 (Sensor Box & service input)
Connector Configurations S	Side: HDMI / Headphone / OPS Interface, Bottom: USB / RJ45 / RS232 / MicroSD, Back: RJ12 / SPDIF
User Experience	
-	Personalized Background, Home buttons, Navigation bar, Quick Palette
Launcher A	All Apps, Profile Login/Logout, Quick Settings, Tools, Source Change
Applications	Whiteboard, ScreenShare, Web browser, File Manager, Media Player, Officesuite, AquaMail, CloudFileManager
	Connected System for User Profile Management
,	,
	Over-the-Air SW Update, Screen Freeze, Screen Lock, Dual Pen Recognition, Palm Erase, Annotate over Any Source
Touch Interactivity	
	Infrared (IR) Technology
	0/
Type of Touch Technology	
Type of Touch Technology I Continuous Touch Points N	Max. 20 touch points", "Bounded by application's limits
Type of Touch Technology I Continuous Touch Points N	Nax. 20 touch points", "Bounded by application's limits 32768 x 32768 px
Type of Touch Technology I Continuous Touch Points N Touch Resolution 3	
Type of Touch Technology I Continuous Touch Points N Touch Resolution Sensitivity	32768 x 32768 px Any touch with finger, gloved hand or pointer
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Type of Touch Technology I Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms
Type of Touch Technology I Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time Touch Accuracy 4	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time Touch Accuracy 4 Pen Type E	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen
Type of Touch Technology 1 Continuous Touch Points 1 Touch Resolution 3 Sensitivity 4 Compatibility 4 Response Time 4 Touch Accuracy 4 Pen Type E Pen Identities 2	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2
Type of Touch Technology I Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time Couch Accuracy Pen Type E Pen Identities 2 Object Sizes for Touch 2	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen
Type of Touch Technology 1 Continuous Touch Points 1 Touch Resolution 3 Sensitivity 4 Compatibility 4 Response Time 4 Touch Accuracy 4 Pen Type E Pen Identities 2	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2
Type of Touch Technology 1 Continuous Touch Points 1 Touch Resolution 3 Sensitivity 2 Compatibility 4 Compatibility 4 Response Time 4 Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 2	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity Z Compatibility V Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH)	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2 2 2 2 2 2 2 2 2 2 2 2
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity Z Compatibility V Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH)	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Product Weight 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2 2 2 2 2 2 2 2 2 2 2 2
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android 5 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Iype E Object Sizes for Touch 2 Mechanical 2 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD 500 x 400 mm - M8
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time C Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical Product Dimensions (WxDxH) Product Weight 1 Prackage Weight 1 Vesa Mounting 6 Bezel Width 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Iype E Object Sizes for Touch 2 Mechanical 2 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD 500 x 400 mm - M8
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time C Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 5	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows®7,Windows®8, Windows®10, Vista, XP, Mac® OS, Linux, Android < 5 ms +/- 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD 500 x 400 mm - M8
Type of Touch Technology 1 Continuous Touch Points 1 Touch Resolution 3 Sensitivity 4 Compatibility 4 Compatibility 4 Response Time 2 Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 7 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android <5 ms +/-1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD 500 x 400 mm - M8 8:66 [T:15] L/R:15 mm +40°C / 0°C
Type of Touch Technology 1 Continuous Touch Points 1 Touch Resolution 3 Sensitivity 4 Compatibility 4 Compatibility 4 Response Time 4 Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 7 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 5	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android <5 ms +/- 1mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD 500 x 400 mm - M8 B:66 T:15 L/R:15 mm
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Package Dimensions (WxDxH) 1 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 5 Power 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android x 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 2 2 2 2 2 2 2 2 2 2 2 2
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity N Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 5 Power 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android <5 ms +/-1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD 500 x 400 mm - M8 8:66 [T:15] L/R:15 mm +40°C / 0°C
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity Z Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Vesa Mounting 6 Bezrel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 5 Power 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 2 2 2 2 2 2 2 2 2 2 2 2
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity Z Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight T Vesa Mounting 6 Bezel Width E Environmental Conditions Operating Temperature Operating Temperature 4 Operating Humidity 5 Power 1 Power Supply 1 Power Consumption 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android x 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 32 180 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD 500 x 400 mm - M8 8:66 T.15 L/R:15 mm +40°C / 0°C 20% 110 VAC - 240 VAC
Type of Touch Technology 1 Continuous Touch Points // Touch Resolution 3 Sensitivity // Compatibility // Response Time 2 Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 7 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 9 Operating Temperature 4 Operating Humidity 9 Power 9 Power Supply 1 Power Consumption 2	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android x 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD S00 x 400 mm - M8 8.66 T.15 L/R:15 mm +40°C / 0°C 20% 210 VAC - 240 VAC
Type of Touch Technology 1 Continuous Touch Points // Touch Resolution 3 Sensitivity // Compatibility // Response Time 2 Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 7 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 9 Operating Temperature 4 Operating Humidity 9 Power 9 Power Supply 1 Power Consumption 2	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android x 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 32 180 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD 500 x 400 mm - M8 8:66 T.15 L/R:15 mm +40°C / 0°C 20% 110 VAC - 240 VAC
Type of Touch Technology 1 Continuous Touch Points // Touch Resolution 3 Sensitivity // Compatibility // Response Time // Touch Accuracy + Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical * Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight T Package Weight T Vesa Mounting 6 Bezel Width E Environmental Conditions * Operating Temperature 4 Operating Humidity 9 Power * Power Consumption 1 Typical 2 Maximum 4	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android x 5 ms +/ - 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD S00 x 400 mm - M8 8.66 T.15 L/R:15 mm +40°C / 0°C 20% 210 VAC - 240 VAC
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time C Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 9 Power 9 Power Consumption 1 Typical 2 Maximum 4 Deep Standby 4	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android < 5 ms +/ - 1mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD TBD TBD 500 x 400 mm - M8 B:66 T:15 L/R:15 mm +40°C / 0°C 90% 10 VAC - 240 VAC 280 W 400 W
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility V Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 7 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 5 Power 1 Power Consumption 1 Typical 2 Maximum 2 Deep Standby 4	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android <5 ms +/-1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD 100 VAC or M8 B:66 T:15 L/R:15 mm +40°C / 0°C 20% 100 VAC - 240 VAC 280 W 400 W 400 W 405 W
Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity A Compatibility N Response Time 4 Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 5 Power 9 Power Consumption 2 Typical 2 Maximum 2 Deep Standby 4 Features 5	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@OS, Linux, Android < 5 ms +/ - 1mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm TBD TBD TBD TBD 500 x 400 mm - M8 B:66 T:15 L/R:15 mm +40°C / 0°C 90% 10 VAC - 240 VAC 280 W 400 W
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Type of Touch Technology 1 Continuous Touch Points N Touch Resolution 3 Sensitivity Z Compatibility N Response Time Touch Accuracy 4 Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical 1 Package Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Package Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 9 Power 2 Power Consumption 2 Typical 2 Maximum 2 Deep Standby 4 Features 5 Mechanical Features 5 Certification 5	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android < 5 ms + 1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm 18D 18D 18D 18D 18D 18D 18D 18D
Type of Touch Technology 1 Continuous Touch Points // Touch Resolution 3 Sensitivity // Compatibility // Response Time // Touch Accuracy // Pen Type E Pen Type E Pen Identities 2 Object Sizes for Touch 2 Mechanical // Product Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 1 Package Dimensions (WxDxH) 2 Product Weight 1 Vesa Mounting 6 Bezel Width E Environmental Conditions 0 Operating Temperature 4 Operating Humidity 9 Power 9 Power Supply 1 Power Consumption 2 Typical 2 Maximum 2 Deep Standby Cestification S Safety 1 EMCC 1	32768 x 32768 px Any touch with finger, gloved hand or pointer Windows@7,Windows@8, Windows@10, Vista, XP, Mac@ OS, Linux, Android <c5 ms<br="">+-1 mm (over 90% area) Battery-less Pen 2 2.8 & 10 mm 962 x 1184 x 97 mm 1962 x 1184 x 97 mm 2163 x 1405 x 318 mm 1902 X 1184 x 97 mm 2177 X 1184 x 97 mm 2178 X 1184 x 97 mm 2188 X 1184</c5>

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