

# iSURFACE - ALL IN ONE (AIO) TOUCH MONITORS



## 13.3", 18.5" & 21.5" ALL IN ONE TOUCH COMPUTERS

The 13.3", 18.5" and 21.5" wide screen iSurface All In One computers are designed for commercial and industrial applications by Horsent, a leading touch displays and interactive solutions manufacturer. They focus on touch monitors, AIO and digital signage displays.

The iSurface employs proven Projected Capacitive touchscreen technology which support 10-point touch bringing an excellent multi-touch experience to users. Their wide screen LCD panel can display more content than standard aspect ratio and will be the preferred choice where a larger viewing area is desired. They can cope with various commercial or industrial environments with high display resolution and brightness. In addition, being LED backlit not only helps to save power consumption but also to decrease weight and thickness.

The housing is a very modern and slim design, which makes them suitable for use in aesthetically demanding environments.

JEa offers a range of operating systems configured to customer requirements and installed on these AIOs.

## APPLICATIONS

- Unattended receptions
- Self service terminals
- Wayfinding
- Interactive digital signage

## KEY FEATURES



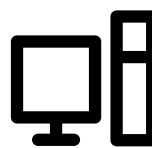
### Bezel free & wide screen

A beautiful bezel free front face and a spacious 16:9 wide screen design make for great visuals



### Built in WiFi

A built in, concealable WiFi antenna port is located on the rear of the unit



### Integrated PC & speakers

A built in PC makes for a compact and versatile product



### Cables & OSD buttons

The important cables and OSD buttons are protected from tampering by a metal plate held in by screws



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Model	H1314PA-C3855-059	H1314PA-DS181
Size	13.3"	13.3"
Active Display Area	293.76 x 165.24 mm	293.76 x 165.24 mm
Aspect Ratio	16:9	16:9
Monitor Dimensions	350 x 222 x 44 mm (L x W x H)	350.10 x 221.90 x 39.80 mm
LCD Technology	Active matrix TFT LCD	Active matrix TFT LCD
Touch Points	Up to 10	Up to 10
Touch Technology	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)
Native Resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Colours	16.7 million	16.7 millions
Brightness	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
LCD Response Time	25 ms	25 ms
Viewing Angle	Horizontal: 170° Vertical: 170°	Horizontal: 170° Vertical: 170°
Contrast Ratio	800:1	800:1
Touchscreen Transparency	> 87%	> 87%
Touch Surface Hardness	≥7H	≥7H
Touch Response Time	< 10 ms	< 10 ms
Power Supply	100 - 240 VAC, 50-60 Hz, DC 12V ± 5%	100 - 240 VAC, 50 - 60 Hz, 12Vdc/3A
Power Consumption	Max: 60 W	< 30 W
Installation	Rear VESA mount	VESA 75 x 75 mm
Temperature	Operating: 0° ~ 40°C Storage: -20° ~ 60°C	Operating: 0° ~ 40°C Storage: -20° ~ 60°C
Humidity	Operating: 20% ~ 80% Storage: 10% ~ 90%	Operating: 20% ~ 80% Storage: 10% ~ 90%
Accessories	Power adaptor	Power adaptor
Approvals	FCC, CE	FCC, CE
Warranty	1 year	1 year
Drawing	<a href="#">Click here</a>	<a href="#">Click here</a>
Computer Specifications		
CPU	Intel Celeron c3855	Allwinner A64/R18, Cortex-A
RAM	4 GB DDR3 SO-DIMM	2GB LPDDR3
Storage	64 or 128 GB SSD	16GB eMMC 5.0
Ports	x1 HDMI out x1 LAN x1 VGA out x1 line out x2 USB 2.0 x2 USB 3.0 x1 RS232	x1 HDMI out x1 LAN x2 USB 2.0 x1 WiFi antenna
Supported OS	Windows 8, Windows 10 and Linux	Android 6.0

JEA reserves the right to change or update, without notice, any information contained

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Model	H1914PWA-DS181-059	H1914PWVA-i56
Size	18.5"	18.5"
Active Display Area	409.8 x 230.4 mm	409.8 x 230.4 mm
Aspect Ratio	16:9	16:9
Monitor Dimensions	473.18 x 298.31 x 36.20 mm	473.18 x 298.31 x 40.20 mm
LCD Technology	Active matrix TFT LCD	Active Matrix TFT LCD
Touch Points	Up to 10	Up to 10
Touch Technology	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)
Resolution	1366 x 768 @ 60 Hz	1366 x 768 @ 60Hz
Colours	16.7 million	16.7 million
Brightness	250 cd/m <sup>2</sup>	220 cd/m <sup>2</sup>
LCD Response Time	5 ms	9 ms
Viewing Angle	Horizontal: 170° Vertical: 160°	Horizontal: 176° Vertical: 176°
Contrast Ratio	1000:1	3000:1
Touchscreen Transparency	> 87%	> 87%
Touch Surface Hardness	≥7H	≥7H
Touch Response Time	< 10 ms	< 10 ms
Power Supply	100 - 240 VAC, 50-60 Hz, DC 12V ± 5%	100-240 VAC, 50-60 Hz, DC 12V ± 5%
Power Consumption	Max: 30 W	Max: 36W
Installation	Rear VESA mount	Rear VESA mount
Temperature	Operating: 0° ~ 40°C Storage: -20° ~ 60°C	Operating: 0° ~ 40°C Storage: -20° ~ 60°C
Humidity	Operating: 20% ~ 80% Storage: 10% ~ 90%	Operating: 20% ~ 80% Storage: 10% ~ 90%
Accessories	Power adaptor	Power adaptor
Approvals	FCC, CE	FCC, CE
Warranty	1 year	1 year
Drawing	<a href="#">Click here</a>	<a href="#">Click here</a>
Computer Specifications		
CPU	Allwinner A64/R18 Cortex-A53 quad core 64 bit CPU Mali400MP2 Dual core GPU	Intel i5, Gen 6
RAM	2GB DDR3	4GB DDR3 SO-DIMM
Storage	EMMC 8GB	64GB SSD
Ports	x1 HDMI out x1 LAN x1 line out x2 USB 2.0 x1 TF	x1 HDMI x1 VGA x4 USB x1 RJ45 x1 Mic x1 Line out
Supported OS	Android 6	Windows

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Model	H2214PWA-i56	H2214PWA-C3855-059
Size	21.5"	21.5"
Active Display Area	476.64 x 268.11 mm	476.64 x 268.11 mm
Aspect Ratio	16:9	16:9
Monitor Dimensions	540.80 x 332.26 x 42 mm	540.80 x 332.26 x 42 mm
LCD Technology	Active matrix TFT LCD	Active matrix TFT LCD
Touch Points	Up to 10	Up to 10
Touch Technology	Projected Capacitive Touch (PCAP)	Projected Capacitive Touch (PCAP)
Resolution	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz
Colours	16.7 million	16.7 million
Brightness	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
LCD Response Time	25 ms	25 ms
Viewing Angle	Horizontal: 178° Vertical: 178°	Horizontal: 178° Vertical: 178°
Contrast Ratio	1000:1	1000:1
Touchscreen Transparency	> 87%	> 87%
Touch Surface Hardness	> 7 H	> 7 H
Touch Response Time	≤ 10 ms	< 10 ms
Power Supply	100 - 240 VAC, 50 - 60 Hz, DC 12V ± 5%	100 - 240 VAC, 50 - 60 Hz, DC 12V ± 5%
Power Consumption	Max: 50 W	Max: 60 W
Installation	Rear VESA mount	Rear VESA mount
Temperature	Operating: 0° ~ 40°C Storage: -20° ~ 60°C	Operating: 0° ~ 40°C Storage: -20° ~ 60°C
Humidity	Operating: 20% ~ 80% Storage: 10% ~ 90%	Operating: 20% ~ 80% Storage: 10% ~ 90%
Accessories	Power adaptor	Power adaptor
Approvals	CE, FCC	CE, FCC
Warranty	1 year	1 year
Drawing	<a href="#">Click here</a>	<a href="#">Click here</a>
Computer Specifications		
CPU	Intel Core i5	Intel Celeron 3855U
RAM	4GB / 8GB DDR3 SO-DIMM	4GB / 8GB DDR3 SO-DIMM
Storage	64GB / 128GB / 256GB SSD	64GB / 128GB / 256GB SSD
Ports	x1 HDMI out x2 LAN x1 line out x1 Mic x4 USB 3.0	x1 HDMI out x1 VGA out x1 LAN x1 line out x1 Mic x2 USB 3.0 x2 USB 2.0 x1 RS232
Supported OS	Windows 8, Windows 10, Linux	Windows 8, Windows 10, Linux