



POSIFLEX

KIOSK & DIGITAL SIGNAGE SOLUTION GUIDE





**DEFY THE
ORDINARY**





REINVENT RETAIL SPIRIT

DESIGNED
WITHOUT
COMPROMISE



▪ EK-1500 Series



▪ EK-1600 Series



▪ EK-2100 Series



MERCURY —

EK Series

YOUR WAY, RIGHT AWAY



GRACE
SPACE
PACE





PARAGON —

TK-3200 Series

**EVERY STEP
MATTERS**





**SIMPLE MADE
PERFECT**

NOW THAT'S

BETTER





■ PT-200



■ PT-200BC



■ PT-300



■ PT-500

STELLAR ———

TK-2100 Series

THE JOURNEY BEGINS





CINEMA
MOVIE TIME

blue

TICKET

TICKET
NOW ONLINE

TICKET
NOW ONLINE

TICKET
NOW ONLINE

TICKET
NOW ONLINE

TICKET
NOW ONLINE

TICKET
NOW ONLINE

KRU
M



CACHET —

JK-3200 Series

A man in a dark suit stands with his back to the camera, looking at a large, vertical digital display. The display shows a colorful interface with various icons and text. The setting is a bright, modern library or office space with large arched windows and a tall bookshelf filled with books on the left.

POLARIS
ID-320 Series

**THE
PIONEER
OF
INNOVATION**

AESTHETIC & DYNAMIC

POLARIS

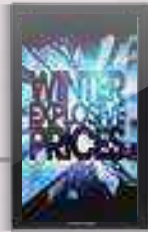
ID-320 Series



*Fashion
Show*

MORE THAN MEETS THE EYES

POLARIS
ID-215 Series



POLARIS
ID-215 Series

SEE AND BE SEEN





A NEW TAKE ON

EXTRAORDINARY

POLARIS
ID-215 Series



**NOTHING IS
THE SAME**



UNBRIDLED ENTHUSIASM



POLARIS
ID-160 Series



ALWAYS FULL OF
INSPIRATION



POLARIS —
ID-160 Series



POLARIS —
ID-320 Series



POLARIS —
ID-215 Series

DIGITAL SIGNAGE

Paragon TK-3200 Series

Specifications	TK-3211	TK-3230	TK-3250	
Computer	Processor	Rockchip RK3399 Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/ i5 / i7
	System Memory	DDR4 2GB, upgradable to 4GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 2, max. 32GB
	Storage Device	16 GB eMMC + microSD slot x 1, upgradable to 32GB	SATA SSD x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5/ Core i7: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/84W x 1 + 24V/60W x 1	12V/84W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ50 x 2, 5V/12V support on all COM ports	6, DB9 x 1 + RJ50 x 5, 5V/12V support on all COM ports	
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	6, USB 3.0 x 1 + USB 2.0 x 5	6, USB 3.0 x 2 + USB 2.0 x 4
	OTG USB	Micro-USB x 1	N/A	
	Display Port	HDMI x 1	MiniDP x 1	
	LAN Port	10/100 Mb x 1, 10/100/1000 Mb x 1	10/100/1000 Mb x 1	
	Audio	Internal 3W speaker x 2	Internal 3W speaker x 2	
Internal Expansion Slot	N/A	M.2 x 1		
Display & Touch	LCD	32"		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension	495 x 602 x 1859 mm [with pole]		
		495 x 184 x 1189 mm [with wall mount bracket]		
	Weight	76 kg [Single sided]; 111 kg [Dual sided]; 35 kg [Wall-mounted]		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH [Equipped with SSD]	
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	Status Indicator	RGB Color LED Indicator		
	Proximity Sensor	Range from 60 cm to 100 cm		
	Camera	1MP wide angle camera		
	Printer	3" open frame printer w/ auto cutter, 250 mm/sec (max)		
Optional Components	PowerGuard	Provide automatically shut down with buffer time during power outage		
	WiFi	USB dongle	M.2 WiFi/BT module	
	Scanner	2D barcode scanner		
	EMV Payment Device Bracket Support* [†]	Custom bracket support for various EMV payment devices		
	MSR	3 tracks ISO or JISII (HD/VCOM selection)		
	Fingerprint Sensor	Optical type		
NFC/RFID Reader	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)			
4G/LTE Communication	Support selected bands & countries with full SIM slot [mini-PCIE module] by request			

* Designed and Manufactured in Taiwan by Posiflex Technology, Inc. * Posiflex does not sell the EMV payment devices, but can provide bracket support with an additional charge. * The product information and specifications are subject to change without prior notice.
[†] Google Play services is not supported by this device.

Cachet JK-3200 Series

Specifications		JK-3210	JK-3230	JK-3250
Computer	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5
	System Memory	DDR4 2GB	DDR3L SODIMM slot x 1, max, 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
	Storage Device	16 GB eMMC	M.2 SSD x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ45 x 2, 5V/12V support on all COM ports		3, DB9 x 1 + RJ45 x 2, 5V/12V support on all COM ports
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	8, USB 3.0 x 1 + USB 2.0 x 7	8, USB 3.0 x 2 + USB 2.0 x 6
	OTG USB	Micro-USB x 1	N/A	
	Display Port	HDMI x 1	HDMI x 1	
	LAN Port	10/100/1000 Mb x 2	10/100/1000 Mb x 2	
	Audio	Internal 3W speaker x 2	Internal 3W speaker x 2	
Internal Expansion Slot	N/A	M.2 x 1		
Display & Touch	LCD	32"		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension	602 x 602 x 1902 mm (Single or dual sided); 495 x 152 x 1152 mm (Wall-mounted)		
	Weight	65 kg (Single sided); 81.5 kg (Dual sided); 35 kg (Wall-mounted)		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	Status Indicator	RGB Color LED Indicator		
	Proximity Sensor	Range from 60 cm to 100 cm		
	Camera	1MP wide angle camera		
	Printer	3" thermal printer w/ auto cutter, 200 mm/sec (max.)		
Optional Components	WiFi	USB dongle	M.2 WiFi/ BT module	
	Scanner	2D barcode scanner		
	EMV Payment Device Bracket Support*	Custom bracket support for various EMV payment devices		
	MSR	3 tracks ISO or JISII (HID/VCOM selection)		
	Fingerprint Sensor	Optical type		
	NFC/RFID Reader	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)		
4G/LTE Communication		Support selected bands & countries with full SIM slot (mini-PCIe module) by request		

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*Google Play services is not supported by this device.

Stellar TK-2100 Series

Specifications		TK-2111	TK-2130	TK-2150
Computer	Processor	Rockchip RK3399 Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5/i7
	System Memory	DDR4 2GB, upgradable to 4GB	DDR3L SO-DIMM slot x 1, max 8 GB	DDR4 SO-DIMM slot x 2, max 32 GB
	Storage Device	16 GB eMMC + microSD slot x 1, upgradable to 32GB		SATA SSD x 1
	Intel vPro Support	N/A	N/A	Core i3: N/A, Core i5/7: Optional
	TPM Support	N/A		Optional
	Power Supply	12V/84W x 1 + 24V/60W x 1		12V/60W x 1 + 24V/60W x 1
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/PCSRReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ45 x 2, 5V/12V support on all COM ports		6, DB9 x 1 + RJ45 x 5, 5V/12V support on all COM ports
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	6, USB 3.0 x 1 + USB 2.0 x 5	6, USB 3.0 x 2 + USB 2.0 x 4
	OTG USB	Micro-USB x 1		N/A
	Display Port	HDMI x 1		MinDP x 1
	LAN Port	10/100 Mb x 1, 10/100/1000 Mb x 1		10/100/1000 Mb x 1
	Audio	Internal 3W speaker x 2		Internal 3W speaker x 2
Internal Expansion Slot	N/A		M.2 x 1	
Display & Touch	LCD		21.5"	
	Resolution		1920 x 1080	
	Touch		True-flat PCAP touch with multi-touch support	
Physical Dimension	Dimension		Countertop version: 400 x 460 x 832 mm Floorstanding version: 625 x 610 x 1620 mm	
	Weight		Countertop version: 27.5 kg Floorstanding version: 60 kg	
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH		0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)
	Storage Condition		-20°C - 70°C, 10%RH - 90%RH	
Standard Components	Status Indicator		RGB Color LED Indicator	
	Proximity Sensor		Range from 60 cm to 100 cm	
	Camera		1MP wide angle camera	
	Printer		3" thermal printer w/ auto cutter, 200 mm/sec [max.]	
	WiFi	USB dongle		M.2 WiFi/BT module
Optional Components	Scanner		2D barcode scanner	
	EMV Payment Device Bracket Support*		Custom bracket support for various EMV payment devices	
	MSR		3 tracks ISO or JISII (HID/VCOM selection)	
	Fingerprint Sensor		Optical type	
	NFC/RFID Reader		Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)	
	Optional Items for Pedestal PT-200BC			
	Bill Acceptor		Storing up to 900 notes	
	Card Dispenser		Integrated RFID Reader/Writer, supporting ISO 14443 Type A/B contactless cards; Storing up to 262 cards	
	Optional Item for Pedestal PT-300			
	Ticket Printer		Fanfolded ticket printer for ticket thickness: .004" to .011", ticket width: 2.0" to 3.25"	
	Default Items for Pedestal PT-500			
	Pager Dispenser	Capacity		Storing up to 40 pager units
		Speed		2.5 sec per pager
Pager/Receiver	Frequency		430-460MHz	
	Dimension / Weight		100 x 100 x 16.5mm / 96 kg	
Transmitter	Frequency		440-460MHz	
	Power Supply		5V/2A adapter	
	Dimension / Weight		180 x 120 x 30 / 475kg	

Note: Bill Acceptor & Card Dispenser can be set in the same pedestal PT-200BC, but only the pedestal PT-300 can accommodate Ticket Printer while pedestal PT-500 can only accommodate Pager Dispenser. *Google Play services is not supported by this device. *Designed and Manufactured in Taiwan by Posiflex Technology, Inc. *Posiflex does not sell the EMV payment devices, but can provide bracket support with an additional charge. †The product information and specifications are subject to change without prior notice.

Mercury EK-2100 Series

Specifications		EK-2110	EK-2130	EK-2150
Computer	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5
	System Memory	DDR4 2GB, upgradable to 4GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
	Storage Device	16 GB eMMC + microSD slot x 1, upgradable to 32GB	M.2 SSD x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ45 x 2, 5V/12V support on all COM ports		3, DB9 x 1 + RJ45 x 2, 5V/12V support on all COM ports
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	8, USB 3.0 x 1 + USB 2.0 x 7	8, USB 3.0 x 2 + USB 2.0 x 6
	OTG USB	Micro-USB x 1	N/A	
	Display Port	HDMI x1	HDMI x1	
	LAN Port	10/100 Mb x 1 10/100/1000 Mb x 1	10/100/1000 Mb x 2	
	Audio	Internal 3W speaker x 2	Internal 3W speaker x 2	
Internal Expansion Slot	N/A	M.2 x 1		
Display & Touch	LCD	21.5"		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension	Countertop version (Portrait): 395 x 395 x 774 mm, Floorstanding version (Portrait): 500 x 500 x 1546 mm Countertop version (Landscape): 540 x 395 x 588 mm, Floorstanding version (Landscape): 540 x 500 x 1362 mm		
	Weight	Countertop version: 22.6 kg Floorstanding version: 34.8 kg		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	Proximity Sensor	1. Range from 45cm ~ 80cm (for dark color object) 2. Range from 45cm ~ 150cm (for light color object)		
	Camera	1MP wide angle camera		
	Printer	3" thermal printer w/ auto cutter, 200 mm/sec (max.)		
Optional Components	WiFi	USB dongle	M.2 WiFi/ BT module	
	Status Indicator	RGB Color LED Indicator (for portrait mode only)		
	Scanner	2D barcode scanner		
	EMV Payment Device Bracket Support*	Custom bracket support for various EMV payment devices		
	NFC/RFID Reader	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)		
	Fingerprint Sensor	Optical type		
4G/LTE Communication	Support selected bands & countries with full SIM slot (mini-PCIe module) by request			

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Mercury EK-1600 Series

Specifications		EK-1610	EK-1630	EK-1650
Computer	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5
	System Memory	DDR4 2 GB, upgradable to 4GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
	Storage Device	16 GB eMMC + microSD slot x 1, upgradable to 32GB	M.2 SSD x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/PCSRReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ50 x 2, 5V/12V support on all COM ports	3, DB9 x 1 + RJ50 x 2, 5V/12V support on all COM ports	
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	8, USB 3.0 x 1 + USB 2.0 x 7	8, USB 3.0 x 2 + USB 2.0 x 6
	OTG USB	Micro-USB x 1	N/A	
	Display Port	HDMI x1	HDMI x1	
	LAN Port	10/100 Mb x 1 10/100/1000 Mb x 1	10/100/1000 Mb x 2	
Audio	Internal 3W speaker x 2	Internal 3W speaker x 2		
Internal Expansion Slot	N/A	M.2 x 1		
Display & Touch	LCD	15.6"		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension	Countertop version (Portrait): 395 x 395 x 646 mm, Floorstanding version (Portrait): 500 x 500 x 1420 mm Countertop version (Landscape): 395 x 395 x 513 mm, Floorstanding version (Landscape): 500 x 500 x 1286 mm		
	Weight	Countertop version: 18.2 kg Floorstanding version: 30.4 kg		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	Proximity Sensor	1. Range from 45cm ~ 80cm (for dark color object) 2. Range from 45cm ~ 150cm (for light color object)		
	Camera	1MP wide angle camera		
	Printer	3" thermal printer w/ auto cutter, 200 mm/sec (max.)		
Optional Components	WiFi	USB dongle	M.2 WiFi/BT module	
	Status Indicator	RGB Color LED Indicator (for portrait mode only)		
	Scanner	2D barcode scanner		
	EMV Payment Device Bracket Support*	Custom bracket support for various EMV payment devices		
	NFC/RFID Reader	Support: ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)		
	Fingerprint Sensor	Optical type		
4G/LTE Communication	Support selected bands & countries with full SIM slot (mini-PCIe module) by request			

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Mercury EK-1500 Series

Specifications		EK-1510	EK-1530	EK-1550
Computer	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5
	System Memory	DDR4 2GB, upgradable to 4GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
	Storage Device	16 GB eMMC + microSD slot x 1, upgradable to 32GB	M.2 SSD x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/PCoSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ50 x 2, 5V/12V support on all COM ports	3, DB9 x 1 + RJ50 x 2, 5V/12V support on all COM ports	
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	8, USB 3.0 x 1 + USB 2.0 x 7	8, USB 3.0 x 2 + USB 2.0 x 6
	OTG USB	Micro-USB x 1	N/A	
	Display Port	HDMI x1	HDMI x1	
	LAN Port	10/100 Mb x 1 10/100/1000 Mb x 1	10/100/1000 Mb x 2	
	Audio	Internal 3W speaker x 2	Internal 3W speaker x 2	
Internal Expansion Slot	N/A	M.2 x 1		
Display & Touch	LCD	15"		
	Resolution	1024 x 768		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension	Countertop version (Landscape): 395 x 395 x 550 mm Floorstanding version (Landscape): 500 x 500 x 1325 mm		
	Weight	Countertop version: 18.8 kg Floorstanding version: 31 kg		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	Proximity Sensor	1. Range from 45cm ~ 80cm (for dark color object) 2. Range from 45cm ~ 150cm (for light color object)		
	Camera	1MP wide angle camera		
	Printer	3" thermal printer w/auto cutter, 200 mm/sec [max.]		
Optional Components	WiFi	USB dongle	M.2 WiFi/BT module	
	Status Indicator	RGB Color LED Indicator		
	Scanner	2D barcode scanner		
	EMV Payment Device Bracket Support*	Custom bracket support for various EMV payment devices		
	NFC/RFID Reader	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)		
	Fingerprint Sensor	Optical type		
	4G/LTE Communication	N/A		

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Polaris ID Series

Specifications		ID-320	ID-215	ID-160
Computer	Processor	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache
	System Memory	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR3L SO-DIMM slot x 1, max. 8 GB
	Storage Device	SATA SSD x 1 (2.5" SSD)	SATA SSD x 1 (2.5" SSD)	SATA SSD x 1 (1" SSD support only)
	Power Supply	12V/84W	12V/60W	12V/40W
	OS Support	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT
Display & Touch	LCD	32"	21.5"	15.6"
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Touch	Optional True-flat PCAP touch with multi-touch support	Optional True-flat PCAP touch with multi-touch support	N/A (with a glass cover)
I/O & Expansion	Serial Port	RJ50 x 2, 5V/12V support on all COM ports	RJ50 x 2, 5V/12V support on all COM ports	RJ50 x 2, 5V/12V support on all COM ports
	Standard USB Port	6, USB2.0 x 5 + USB3.0 x 1	6, USB2.0 x 5 + USB3.0 x 1	6, USB2.0 x 5 + USB3.0 x 1
	Display Port	VGA x 1	VGA x 1	VGA x 1
	LAN Port	10/100/1000 Mb x 1	10/100/1000 Mb x 1	10/100/1000 Mb x 1
	Audio	Audio-out + Mic-in combo jack x 1	Audio-out + Mic-in combo jack x 1	Audio-out + Mic-in combo jack x 1
	Internal Expansion Slot	M.2 x 1	M.2 x 1	M.2 x 1
Physical Dimension	Dimension	712 x 475 x 1721 mm	543 x 84 x 334 mm	253 x 261 x 520 mm
	Weight	54 kg	9.8 kg	8.3 kg
Environmental	Operating Condition	0°C - 40°C, 20%RH - 90%RH (Equipped with HDD) 0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	0°C - 40°C, 20%RH - 90%RH (Equipped with HDD) 0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)
	Storage Condition	-15°C - 60°C, 10%RH - 90%RH	-15°C - 60°C, 10%RH - 90%RH	-15°C - 60°C, 10%RH - 90%RH
Optional Components	WiFi	WiFi/BT module and internal antenna supporting 2T2R mode, 802.11 abgn/ac, 2.4GHz/5GHz dual band		
	4G/LTE Communication	Support selected bands & countries with full SIM slot (mini-PCIe module) by request		

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