



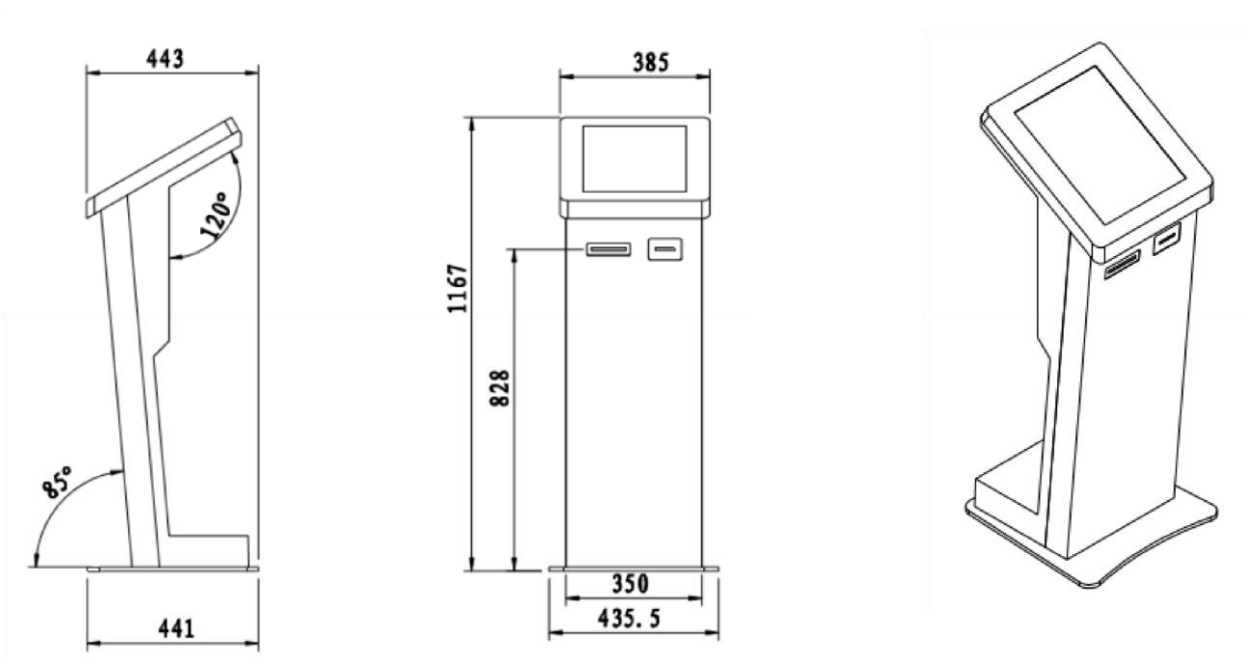
Technical Specs

Kiosk A001

Kiosk ACF A001			
Component	Brand	Model	Description
Motherboard	Norco	NORCO ATX-6973	Socket H4 LGA 1151
Processor	Intel	i5-6500	Skylake 6th Generation 3.20GHz
Memory	Kingston	KVR21N15S8/4	PC4-2133 DIMM 4GB
Storage	KingFast	ATA Device	256 GB Solid State Drive
printer	SANEI	SK1-31S	
Touchscreen	LKS-15	Multi-Touch-V3000	15" Capacitive Multi-Touch
Display	AUO	M15	15 " Resolution 1024x768
Card Reader	Creator	CRT-310	Automatic
Fingerprint Reader	ZKSoftware Inc.	U.are.U® 4500 Fingerprint Reader	
Barcode Scanner	N/A	N/A	N/A
Video	intel	HD Graphics 530	VGA
Ethernet	Realtek	PCIe GBE Family Controller	

Outputs
7 - usb 2.0
1 - usb 3.0
2 - PS/2
2 - COM port
2 - VGA
2 - Ethernet
1 - audio input port
1 - audio output port





Dimensions: 1167mm (Height) X 435.5mm (Width) X 443mm (Depth) – including the bottom base

Motherboard

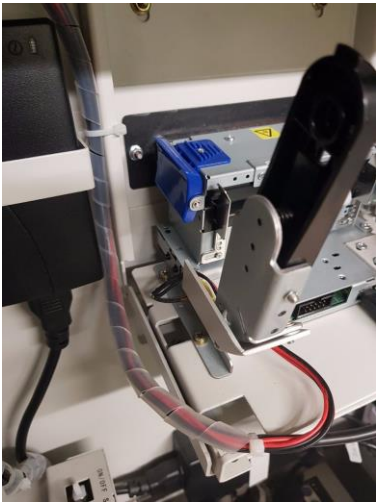
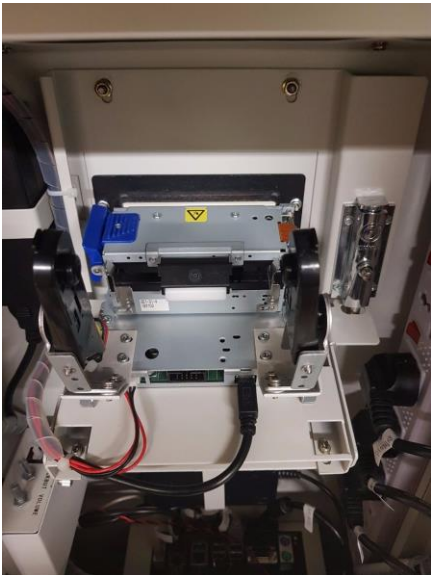




Processor



Printer



Card Reader



Requirements to be modified:

Screws, Bolts and Washers:

In stainless steel 410 general purpose.

Packing tipe VCI (Vapour Corrosion Inhibitor), termosellable

Corrosion inhibiting chemicals used and their effectiveness on the metals.

Coverage 1 square foot of paper or film for every 3 square feet of surface area –OR– 1 square foot for every 1 cubic foot of packaging volume being protected

Upto 6 months protection

Standards: MIL-PRF-22019D Type I, MIL-B-22020D Class 1, MIL-PRF-22019, MIL-B-22020D, MIL-DTL-22020

SSDD: If Kingfast

- -The hard drive driver must be the JMicron of at least 3rd generation.
- -Send the specs of the hard drive
- -disc meets but we need other better option
- -Send More options

Touchscreen & Display

- -Touchscreen does not meet
- -We require specification sheet
- -We require more options, that the Display and the Touchscreen comes in one module, sealed and comply with the following
 - --Capacitive – Multitouch
 - -Sealed industrial type, single united with display
 - -Pass standards: UL-60950-> Visibility, clarity and durability of the touch; IK-07 Impact
 - -At least 50.000 hours MTBF
 - -Anti Vandalism
 - -degree of protection and sealing: IP65 (strong protection against dust, water jets-Hydrofobic)
 - -Minimum Durability:300 Million Touches in a Single Location (Electrically)
 - 250 Million Touches in a Single Location (Cosmetically) Surface
- MIL-STD 810F – Environmental Testing Procedures
- Humidity: Method 507.4 High temperature: Method 501.4 Low temperature: Method 502.4
- ASTM-D1308-87 (1993) – Effect of household Chemicals on Clear and Pigmented Organic Finishes (24 hour spot test) ->Beer, Tea, Coffee, Coca-Cola, Lipstick, White vinegar, Grease Pencil, Stamping Ink, Ball Point Pen, Naphtha, Lysol, Rubber Cement
- ASTM-F-1598-95 - Effect of Solvents and Reagents (10 minute spot test) ->6% Hydrochloric Acid, Acetone, Toluene, Gasoline, 70% Nitric Acid, Brake Fluid, Xylene, 40% Sulfuric Acid, 10% Sodium Hydroxide, Windex
- ASTM-F-1598-95 - Effect of Volatile Liquids (24 hour spot test) -> 5% Ammonia, Ethanol, Tricloroethylene, Methyl ethyl ketone (MEK), Gasoline, 10% Caustic Soda, 70% Nitric Acid, Acetone, Xylene, Windex
- MIL-STD-675C - Severe Abrasion Test
- IEC 61000-4-2 -> ± 20 KV air and ± 8 KV contact discharge to screen ± 27 KV air and ± 8 KV contact discharge to screen
- • EN55022:1998 Class B – EC Emissions Standard
- • EN 55024:1998 Generic Immunity Standard
- UL / cUL All 3M Touch System Capacitive touch screens are UL / cUL compliant



Printer –SANEI comply, add Bezel BZ-SK1

- With Bezzel or lip, for paper output
- Paper roll supported upto 102 mm diámetro

RAM Ok Comply

CPU OK Comply

Motherboard

- OK, Comply , Industrial, MiniATX, tipo POS, **ADD HDMI Output**

Card Reader OK, Comply

- 500K passes Magnetic, Motor 500K passes, Chip 300K passes
- Send more options

Fingerprint, OK Comply

Paint

All metal parts, as well as inside and outside, should be painted with electrostatic paint and ensure that everything is painted to minimize the risk of corrosion.

Should not include external speaker or amplifier