



Features

- 19" Projected Capacitive Full Flat Touch Screen
- Intel® Skylake Core i3/i5/i7 CPU
- 60601-1-4th Edition Certified
- Supports Intel® vPro Hardware Security
- Anti-Bacterial Housing to Resist MRSA
- Optional 4KV LAN/COM/USB Isolated I/Os
- Optional Built-in Battery Pack



Technical Specifications

System

Processor	Intel 6th Skylake Core i3/i5/i7
Security Hardware	TPM v2.0
Chipset	SoC
Video / Graphics Card	Intel Integrated HD Graphics 520
Storage	2.5" SATA HDD,
Memory	2 x DDR4 SO-DIMM
Memory (RAM)	4GB, 8GB, 16GB, 32GB

Display

Screen Size	19"
Screen Resolution	1280 x 1024
Nits	350
Display Ratio	5:4
Contrast Ratio	1000:1
Viewing Angle	170 (H) / 160 (V)
Number of Colors	16.7M (RGB 6-bit + Hi FRC)

Touch Screen

Touchscreen	Projected Capacitive (Multi-touch)
Light Transmission	90% +/- 3%
Hardness	7H pencil, pressure 750g/45°
Lifetime Usage	100M Times

I/O Ports

USB 3.0	4x USB 3.0
Serial	1x RS232 1x RS232/422/485 (RS-485 auto flow support Jumpless by BIOS)
Video	2x Display Port
Ethernet	2 x RJ45 GbE

Cooling System / Thermal Solution

Thermal Solution	Passive - Fanless
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Dimensions / Weight

Weight (kg)	7.5000
Dimensions	450 x 420 x 85.3 mm

Enclosure

Bezel	IP65 Front Protected
Material	Plastic
Color	White
Anti-bacteria Housing	Protection against MRSA, Escherichia coli, Staphylococcus Aureus
LED Indicator Light	Battery, HDD Access, Power
Control Buttons	Power, Audio adjustment (+)(-), brightness (+)(-), LCD on/off, Clean me(auto release after 1 minute)
Transit Drop	3 ft Drop
Shock	Operating: 11 ms, half sine wave
Vibration	Operating: 5 ~ 17 Hz , Amplitude 0.1
Mounting	VESA Mount, Desktop Stand, Wall Mount
Approved Cleaning Agents	3M HB Quat, Acetone, Actichlor, Alcohol, Antigone, Betasept, Bleach, Caviwipes, Chloride, CIDEX, Control III Disinfectant Germicide, Dispatch Disinfectant Cleaner CLH69101, Incidin, Isopropyl Alcohol, LpH se, MikroBac, MikroZid, Peridox, Puregreen 24 Disinfectant, SDW 70C, Sodium Hypochlorite, SporeClear, Trigene, Viraguard, Virkon, Windex

All specifications are subject to change without notice.

Other Ports	4KV Isolation Option is 2x ISO COM, 1x ISO LAN, 1x ISO USB 2.0
Audio In/out	3.5mm phone jack connector 2 (Line-out, and Mic-in)

Operating System

Operating System	Windows 10 Pro, Windows 10 IoT, Windows 7 Pro
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Battery

Battery	Optional Built-in Backup Battery
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Power

DC Input / Source Voltage	DC-in 9-32V (12-28V with battery pack)
Power Consumption	88 W
Power Adapter	AC 90V~264V / 47-63 Hz
DC Output	12V, 100W
Reset Power Button	Yes

Expansion Slots

Mini PCIe Slot (internal)	1x Mini PCIe
PCIe Slot	Yes
Other Expansion	M.2 Type E x 1
Expansion	1x PCI-E (x4) (can't co-exist with isolated module)

Multimedia

Integrated Audio Controller	Realtek ALC262 Audio Codec, 2 + 2 watts amp
Integrated Speakers	2x 2W
Camera	Optional 3.2M pixel webcam module

Operating Temperature

Operating Temperature	0° to 35° C
Storage Temperature	-20°C to 60°C
Humidity Range Storage Humidity	10 to 90%, non-condensing

Peripherals & Devices

Wireless Communication	Optional 802.11 a/b/g/n/AC WLAN module + Optional Bluetooth
RFID	Optional RFID reader (13.56Hz) (5V USB)
Other Devices	Optional, TPM v2.0 module

- Options Include:
- Equipotential Terminal Pin
 - PCI-E x 4 or PCI Riser Card
 - 3.2M Pixel Webcam Module
 - Anti-Bacterial Desktop Stand
 - Microphone on I/O cover
 - Battery Pack
 - Power Adaptor with Cable
 - AG Film
 - mSATA Module
- Customization Options Include
- Tempered Glass
 - USB 5,6 or COM 3,4
 - 4KV isolation Card with ports
- Extra Features HDD Anti-Vibration

Certification

Certification	VCCI, CE, FCC Class B, 60601-1 4th Edition, 60601-1-2, ISO 14971
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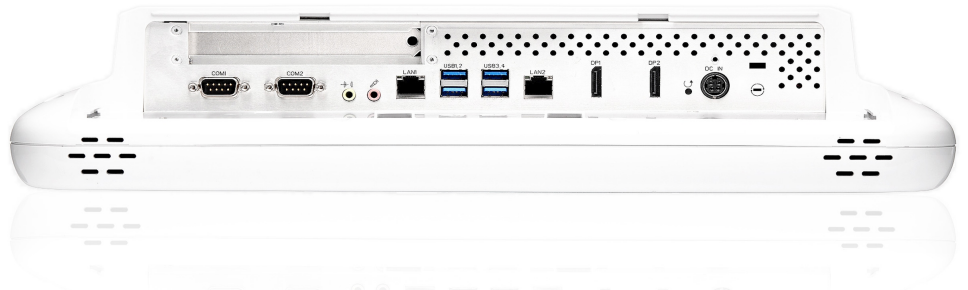
Warranty

Warranty	Up to 5 Years
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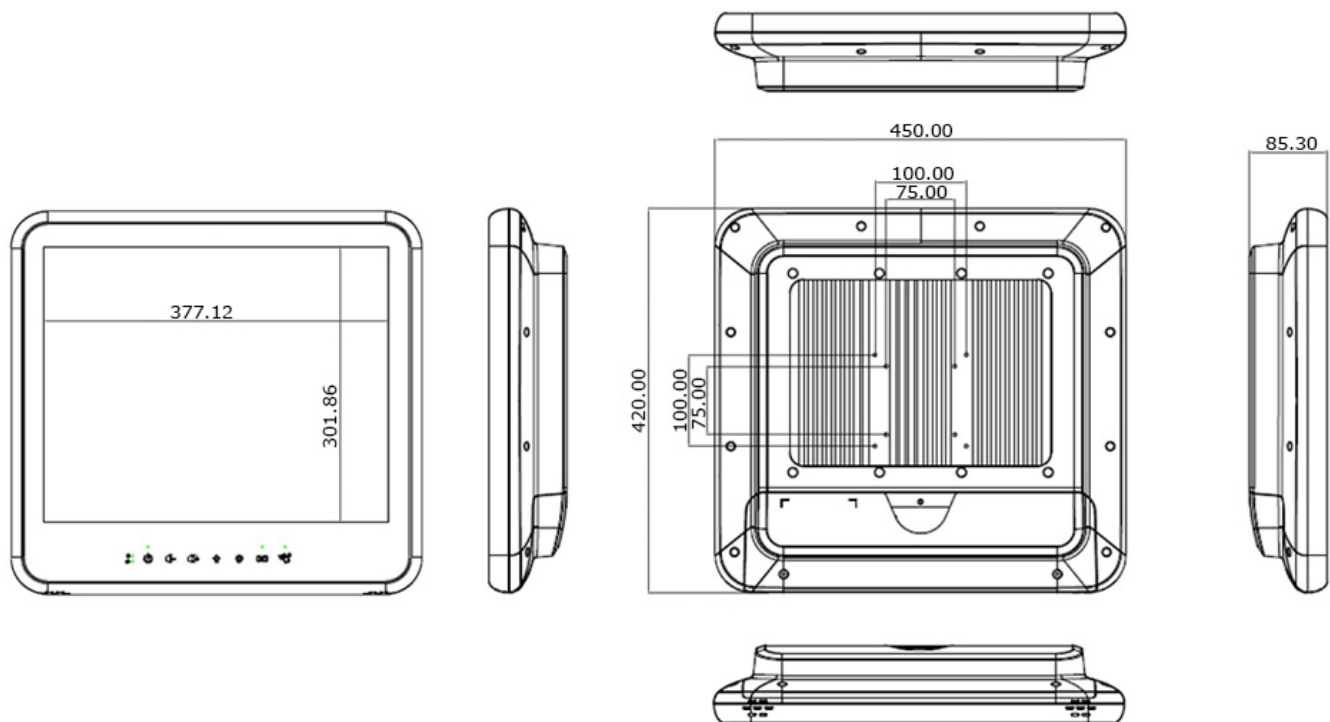
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Inputs / Outputs

- 1x PCI-E/PCI Expansion
- 1x DC-in
- 2x DP Port (Output)
- 4x USB 3.0
- 2x LAN Line
- 1x Audio Line In, 1x Audio Line Out
- 1x RS232
- 1x RS232/422/485
- 1x Reset



Technical Drawings



All specifications are subject to change without notice.