

Correctional AIO

Fanless Industrial PC

Features

- 18.5" Industrial AIO with 1/4" thick acrylic screen
- Fanless Construction
- 5MP Camera with Low Light Function
- 2 x 260-pin DDR4 SO-DIMM, up to 32GB
- IP54 Compliant Front, Top and Side Panels
- Intel Core i5 Processor (Windows 11 Ready)
- 4 USB I/O Ports



LCD

Screen Size	18.5"
Brightness (cd/m2)	250
Resolution	1366 x 768 (16:9)

Mainboard

CPU	Intel® Core™ i5-8365UE 1.6 GHz, Quad Core
RAM	Two dual-channel DDR4 SO-DIMMs up to 32GB
Ethernet	Intel® I211
Audio Codec	ALC888S

Storage

Storage	1 x M.2 M-key 2280 PCIe 3.0 x4 (PCIe/ SATA Signal)
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I/O

USB	4 x USB 3.2 Gen. 2
LAN	1 x GbE LAN
Others	1 x Sealed Power Switch 1 x 12V DC Jack

Audio

Audio	AMP 3W + 3W (internal speaker)
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Camera

Camera	5-megapixel with low light function
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Physical

Construction Front Panel	1/4" thick anti-scratch acrylic glass
Mounting	Panel, Wall mount
Color	Silver
Dimensions (W x H x D)	18.7" x 11.8" x 2.3"
Net/Gross Weight	19.5lbs
Operating Temperature (°C)	-20°C to 50°C (Ambient with air flow)
Storage Temperature (°C)	-20°C to 60°C
Humidity	10% to 90% non-condensing
IP Level	IP54 compliant front, top and side panels
Certification	CE / FCC Class A compliance
Thermal Solution	Fanless
Power	
Power Requirement	AC 120/240V or Direct DC Power
Warranty	
Warranty	1-year standard

Tangent's Correctional Kiosk is designed to withstand environments where users may tamper with the computer. Working closely with Correctional Facility IT professionals, Tangent has built a housing to hold a fanless, rugged mini-computer and its power supply. Using plexiglass on the front of the encasement, the housing can withstand most abnormal situations such as liquid spilled on the screen; strikes to the device; and tampering with the power brick which is also tucked into the enclosure.

In addition to creating a Kiosk that would stand up to the Correctional institution, Tangent has considered the different workflows that this device could enable. By adding a phone handset, the Kiosk now also gives inmates the ability to have secure conversations with their legal representatives. Also, with current COVID-19 precautions, this kiosk gives family members a way to interact with inmates while they are incarcerated.



Dimensions:

