

SUNIT
Bridge for Demanding Duties

SUNIT WorkStation

MOBILE RUGGED TOUCH-STATION 55" GORILLA-GLASS SCREEN



- 9th Generation Intel® Core™ i7-9700E Coffee Lake-S, 8-Core
- 8 x 2.6GHz (Turbo: 8 x 4.4GHz)
- Intel® UHD Graphics 630
- NVIDIA Quadro P2000 Video with NVIDIA Mosaic Technology
- GPS, LTE, Wi-Fi, Dual GB-Ethernet
- Stereo-Sound & Microphone
- Projective Capacitive (PCAP) touch
 - 15-finger Touch technology
 - Gorilla-Glass, 60950-1 ball-drop proof, scratch-resistant, edge-to-edge glass
 - Touch by Finger / Stylus / Glove (latex)
- Resolution 3840 x 2160 / @60GHz / 4K UHD
- Brightness (cd/m²) 500nits
- Excellent View Angels 89/89/89/89 Degrees
- IPS-LED Backlights for Best Colour & Viewing angles
- IP54, Conformal Coated Electronics
- Easy to move and Stable-stationary
- AC-Powered / 220V



SUNIT Workstation is Mobile, ruggedized touch computing unit for harsh environmental industry, as Constructions, Mining's, Engineering's, and Commercials.

Powerful SUNIT-Computer technology performs even the most demanding 3D-graphical Applications.

GB-Ethernet, Wi-Fi and LTE warrants communication by an appropriate available infra.

Hard coated PCAP Water & Dustproof Screen opens the usability even on most demanding environments.

Optimal Weight with easy-rolling and Lockable casters makes Mobility smooth.

Stepless adjustable, 15 to 90 degree Tilt-Angle Screen enables optimal working environment.



SUNIT in Brief—Focus on Client Entrepreneur

Over 20 year's core-focus on tough computers and deep knowledge of client-demands has brought us prime expertise in technology.

We demand ourselves deep knowledge of the Clients entrepreneur and we strive to bring the long-term technology into his ICT.

Our technology connects OAC - Open Architecture Computing to IoT - Internet of Things with Powerful Processing.

Our Products are covered by Industry Standard ISO-16750, UNECE-Regulations and Environmental Standards.

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Technical Sheet

CPU	9th Generation Intel® Core™ i7-9700E Coffee Lake-S, 8-Core, 8 x 2.6GHz (Turbo: 8 x 4.4HGz). 12 MB Cache 8GT/s.
RAM	Dual Channel 32GB DDR4-2666MHz. 41.6GB/s.
System Bus	Intel® 300 Series PCH. Intel® HD Audio. Intel® Smart Sound Technology (Intel® SST)
Storage	240 GB Wide-temp. SSD. Optional 480 GB—1TB. Up-to 4 x SATA-III 6GB/s.
O/S	WIN-10 IoT Enterprise LTSB/CBB/CB, Win-10 Pro
Graphics	Gen. 9LP Intel® UHD 630 Graphics. DirectX-12. 4K-Support. 360-Video Support. Intel InTru3D.
Video	Intel® Quick Sync Video and Intel® Clear Video HD. 3D-Graphic, 4K Media Codecs.
Audio	Audio on Screens (incl. HDMI-interface)
Graphic Controller	NVIDIA® QUADRO® P2000. 4 x 5K Display Interface (5120x2880 @ 60Hz). 5 GB GDDR5-memory.
Screen Type	4K, 55" 15-Toichpoint Open Frame PCAP touch monitor with edge-to-edge glass. 60950-1 ball-drop proof, scratch-resistant. IP54.
Screen Resolution	3840 x 2160 @60Hz (8.3 Megapixel 4K UHD). 16:9. IPS LED, AG coated glass
Screen Viewing	178°/178°, right/left: 89°/89°, up/down: 89°/89°.
Screen Tech	Response time (GTG) 8ms. Hardness 7H Gorilla. Colour support 16.7Mio.
Ethernet	Dual Ethernet. Intel® I211-AT. GB-Ethernet Up-to 2.5GbE. 10/100/1000. Base-T. RJ45 Connector
USB	4 x USB 3.0
SIM-slot	Yes
Modem	4G: LTE, DC-HSPA+, UMTS, EDGE, GPRS, Voice, Echo Arithmetic, eCall, VoLTE(Option)
Serial Interface	2x Configurable RS232 / RS485 (Termination by SW settings)
WI-FI	Intel® Dual-Band Wireless AC-3165, 433Mb/sec. Data Link Protocol: 802.11a/b/g/n/ac. Compliant Standards: IEEE 802.11a/b/d/g/i, IEEE 802.1x
Bluetooth	Bluetooth 4.2 BLE, Low-energy. IPv6 for IoT; WPA2-PSK/AES Standard. Dual-Mode. Compliant Standards: IEEE 802.11ac/w
GPS/GNSS	Rapid 72-Channel 3D GNSS receiver (GPS/Galileo/Glonass).
Power-In	9 ... 36 VDC. 220V AC.
Compliant	ECE 10R-04, FCC, CE, WEEE 2002/96/EG, RoHS 2002/95/EC, REACH 2006/121/EC
Environment	-40°C ... +85°C. Temperature monitored. 0%~90% Relative Humidity

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Specifications subject to change without notice

