

ART, inc.

# 1U Core-i7 Gen6 Workstation

*ART uniquely blends  
system engineering,  
ruggedization  
and system integration  
capability to ensure  
every customers' needs  
are fulfilled.*



ART is a proven systems integrator providing survivable, rugged, mission-critical airborne and airborne related Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) systems.

## Overview

The ART 1U Core-i7 rack mount workstation is designed with increased performance capability. The 1U workstation is a cost effective and space intensive solution with ruggedization capabilities. At the heart of the system is a low power consumption Intel Core-i7 Gen6 Quad Core processor running at 3.4GHz. It provides security-enhancing technologies such as Intel Software Guard Extensions (SGX), Intel vPro, and Intel Trusted Execution Technology (TXT). 64GB of DDR4-2133Mhz memory supplies greater working space. Two 1G ENET port connections and an additional two 10G ENET ports offers dedicated medium and high speed data links. A separate IPMI LAN port enables remote access for monitoring and flow control parameters. Storage includes three removable SSD SATA drives. Front access to I/O connectors for easy installation and maintenance. The unit is designed to meet Mil-STD-461, MIL-STD-810 and RTCA/DO-160 testing.

## Features at a Glance

- 28VDC Power Input
- Intel Core-i7 6700K Gen6 Quad Core CPU
- 64GB DDR4 Memory
- 2 x 10G RJ45 LAN Ports
- 2 x 1G RJ45 LAN Ports
- 2 x USB 3.0 Ports
- 2 x USB 2.0 Ports
- 1 x VGA Graphics Port
- 1 x DVI Graphics Port
- 2 x DisplayPort
- 3 x Removable 7mm 2.5" SSD SATA drives
- 1 x IPMI LAN Port

## Dimensions & Weight:

- Height: 1.75 in.
- Width: 19 in.
- Depth: 16.4 in.
- Weight: ~12 lbs.



ART, inc.

Alpha Research & Technology, Inc.  
1107 Investment Blvd, STE 200  
El Dorado Hills, CA 95762-5742  
Phone: (916) 431-9340  
Fax: (916) 431-9360

Email: [BusDev@ARTruggedsystems.com](mailto:BusDev@ARTruggedsystems.com)

Website: [www.ARTruggedsystems.com](http://www.ARTruggedsystems.com)

Contact your Sales Manager for the latest in configurations and companion products.