Wearable Computer

Physical Characteristics

Material	Aluminum alloy (Olive Green or Desert Tan)
Dimensions	3.5" x 5.0" x 0.5"
Weight	Approximately 8.4 oz
Operating Temp	-32°C to +55°C
Humidity	95% non-condensing
IP Rating	IP67 (with MIL connectors)

The wearable computer is a fully functioning computer that weighs just over 8 ounces that can be worn by a user. The wearable computer is one of the smallest, most rugged system computer currently available. The unit features a low-power Intel® Atom™ 1.86 Ghz dual-core processor and 4GB of DDR RAM and 64GB of solid state storage. The unit runs full versions of Windows (XP, 7, or 8) or can be customized with Linux. It is fully sealed and can be submerged to 1 meter for 30 minutes.

The wearable computer is designed as a tactical processor and can be paired with an external handheld display (4.3" screen size). This combination can be used to host situational awareness applications. The computer can also be used as a "headless" server in oil and gas, locomotive, security and industrial applications.

Processor

Processor	Intel® Atom™ 1.86 Ghz (Dual-Core)
RAM	4GB DDR2
Storage	Onboard 64GB solid state storage
Operating System	Windows (XP Pro, 7, 8); Linux (Limited versions)
Connector	Rugged sealed (MicroD)
Interfaces	1 x Audio AMP (Speaker) out 1 x 10/100 Ethernet LAN 1 x USB (for Video over USB) 1 x VGA 1 x Power
Input Power	4.75V - 20VDC (regulated)
Options	Handheld display (4.3")Attachment Clips
ECCN	5A992.c