BARRACUDA SMART™ AMT 15.6

The Smart Display for the Military Fighter, Built on the Power of Android OS

The **Barracuda Smart AMT (Android Military Touch) 15.6" Rugged Display** leverages state-of-the-art computer and display technology to bring you an EMI shielded, IP67 sealed, multitouch terminal that is fully ruggedized for military and other demanding applications.

This revolutionary new product, designed by General Digital's team of electrical, mechanical, and firmware engineering experts, incorporates military-grade construction with user-friendly Android OS technology for the first time.

Designed to comply with strict standards, such as MIL-STD-810 and MIL-STD-461, the sunlight readable Barracuda Smart AMT 15.6 is built to serve the warfighter with performance and dependability in the field.

FEATURES

» Embedded single board computer with Octa Core processor

» Android 13 OS (other CPU and OS options upon request)

» 15.6″ FHD (1920 x 1080) display

» Sunlight readable backlight (800 nits)

» Optically bonded for enhanced readability and ruggedization

» Military-grade environmentally-sealed aluminum enclosure

» Designed to meet MIL-STD-810 and MIL-STD-461 standards

» Designed, manufactured and serviced in the U.S.A.

INPUTS

» Sealed circular D38999 power connector

» Sealed circular mil-grade Ethernet connector

» Sealed circular mil-grade USB-A 2.0 connector

» Sealed circular D38999 USB On-the-Go connector

Screen shot: Tehmas and Think_About_Life / Adobe Stock

GENERAL DIGITAL

BARRACUDA SMART™ AMT 15.6

DISPLAY SPECIFICATIONS

Display Size	15.6″
Active Area (W x H)	13.55″ x 7.62″
Resolution	1920 x 1080 FHD (WUXGA)
Number of Colors	16.7 Million (8-bit)
Luminance	800 Nits (sunlight readable)
Contrast	1000:1
Response Time (R/F)	25 ms
Viewing Angle (H/V)	±89° / ±89°
Touch Screen	Projected Capacitive Multitouch, EMI Shielded, Optically Bonded, Antireflective

COMPUTER SPECIFICATIONS

SoC	MediaTek MT8395 8-core
APU	AI Engine up to 4.8 TOPS
Architecture	4x Arm Cortex-A78 + 4x Cortex-A55
GPU	5-core Arm Mali-G57 MC5
RAM	4 GB Onboard DDR-4
Storage	64 GB UFS
Operating System	Android 13 (Tiramisu)
Network Interface	Ethernet

SYSTEM SPECIFICATIONS

Input Voltage	+9 to +36 Vdc
Power Consumption (maximum)	65 Watts
Temperature (operating)	0°C–50°C
Temperature (storage)	−20°C–60°C
Environmental Compliance	Designed to Meet MIL-STD-810, MIL-STD-461, IP67

Photo: Oshkosh Defense

GENERAL DIGITAL
Engineering What's Next

AS9100D
QUALITY
MANAGEMENT
SYSTEM
CERTIFIED
ISO 9001:2015

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