

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, multi-touch 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 (inquire about other sizes)
- ▶ Sunlight readable backlight (800 nits)
- ▶ Optically bonded for enhanced readability and ruggedization
- ▶ Military-grade environmentally-sealed aluminum enclosure (panel mount or standalone/VESA)
- ▶ 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

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



60 Prestige Park Road

East Hartford, Connecticut 06108

Phone 860.282.2900 | Toll-Free 800.952.2535

E-mail gdc_info@generaldigital.com



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