

10.4" Rugged NVIDIA Jetson TX1 Tablet

MODEL: SD-RT10TX1




SHORT DESCRIPTION

10.4" Rugged Graphics Processing Tablet powered by NVIDIA Jetson TX1. SD-RT10TX1 is rugged, lightweight, portable computer that offer the performance of a standalone desktop graphics computer in a Tablet PC form factor. Its durability, high quality screen and compact design ideal for many military applications. It is also designed to mount in troop transports or rugged all terrain vehicles.




FEATURES



Size / Type
10.4" TFT LCD




Brightness
1200 (typ)



Contrast
1000 : 1 (typ.)



Max. Colors
16.2 M



Viewing Angle
-88~88(H); -88~88(V);



Resolution
1024 x 768

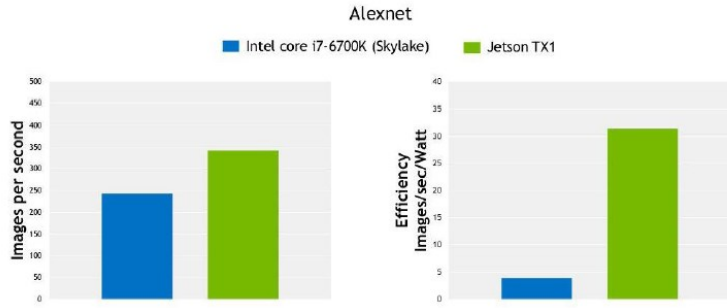
SPECIFICATION

SYSTEM	
CPU	NVIDIA Jetson TX1 64-bit ARM® A57 CPUs * Matches up to an Intel Skylake i7-6700
Memory	4 GB LPDDR4 25.6 GB/s
Storage	mSATA SSD 128 GB (256 GB optional)
Graphic	1 TFLOP/s 256 CUDA cores , HDMI interface
Camera	5MP at back side (Optional)
Audio	HD Audio, 1x stereo output
Wifi	Wireless 802.11 a/b/g/n 2x2 dual band
GPS	U-blox 6 engine (optional)
Video Input	1x MIPI CSI-2; 8x Coax with GMSL Signaling
Serial	2x RS-232/422/485 selectable ports
USB	1x USB 3 port & 2x USB 2 ports
EMI Mesh Filter	EMI mesh filter (optional)
PANEL SPECIFICATIONS	
Size / Type	10.4" TFT LCD LED-backlit
Resolution	1024 x 768
Brightness	1,000 (cd/m ²) Sunlight Readable
Contract Ratio	1200 : 1 (typ.)
Viewing Angle	- 88~88 (H) ; - 88~88 (V)
Max. Colors	16.2M
Touch	GFG 5-wire resistive touch
ENVIRONMENT TOLERANCE	
Net Weight	2.0 KG
Dimensions	254.5 x 203.2 x 48 mm
Operating Temp.	- 20 deg. C to 70 deg. C
Storage Temp.	- 40 deg. C to 80 deg. C
Operating Humidity	5% to 95 % (Non Condensing)
IP65	Full IP65
Vibration	MIL-STD-810G Method M514.5
Shock	MIL-STD-810G Method M516.5
Drop	6 feet drops to concrete
Altitude	15,000 ft. (4572m)

POWER SPECIFICATION	
Power Input	12V DC Input
Power Consumption	20 watts (typical)
Battery Mode	5200 mAh battery
Cables	For optional

DRAWINGS

DEEP LEARNING PERFORMANCE



GRAPHICS PERFORMANCE

