

Aaronia SPECTRAN® V6 Mobile 100TA-6 Real-Time Spectrum Analyzer Tablet PC

Integrated Tablet PC Specifications

Platform AMD Hawk Point FP8
CPU AMD Ryzen™ 7 8-Core 8845HS
(24MB Cache, 3.8GHz-5.10GHz)
GPU AMD Radeon™ 780M
RAM 64 GB LPDDR5
SSD 2 TB M.2 NVMe
OS Windows 11
Display 15.6" Touchscreen, 1500nit
Display Resolution Full HD 1920x1080
Batteries
1x built in (15,2V, 5600mAh, 85,12Wh);
1x tool free swappable (15,2V, 6400mAh,
98,8Wh)
Runtime Typ. > 2h / battery
Connectors
DC IN, 2x RJ45 2.5 GbE, SFP+, 3x USB-A,
USB-C, HDMI, SD Slot (Standard), audio
jack, RS232 (COM-Port)
Expansion slots
2x M.2 2280 M-Key, M.2 3052 B-Key,
2x M.2 2242 M-Key, M.2 2230 E-Key,
Nano-SIM
Cameras Front and rear with privacy slider
Misc
smart pen, carrying handle, hands-free
strap, back stand, VESA 100 mount,
220W power supply with C22 connector,
EU-cable with C21 connector, battery
AAAA (for smart pen)
Operating temperature -40° to +60°C
Storage temperature -40° to +70°C
Weight 6.5 kg
Denison (LxBxH) 411 x 270 x 56 mm

Spectrum Analyzer Specifications

Frequency range Gapless 9 kHz to 6 GHz
Rx 1 (+23 dBm)
Tx -
Frequency resolution 1 Hz
Frequency accuracy 0.5 ppm
Real-time bandwidth Rx 44 MHz
Sweep speed 500 GHz/s
Resolution bandwidth 62 mHz to 200 MHz
Internal low

noise pre-amp No

DANL Max. -170 dBm/Hz, min. -150 dBm/Hz

IQ POI 30 ns

ADC 2GSPS 16 Bit

DAC 2GSPS 14 Bit

DSP processing 930 GMACs