GRIP DU

GRIP Development Units

Development PC

GRIP DU computers are desktop versions of our rugged GRIP Delta & Epsilon PCs. The development units use the same components (motherboard, video capture card, graphics card, SSD etc.) as their rugged counterparts and are therefore functionally identical.

Application areas of this technology include security, automotive, transportation, oil and gas, nuclear, military and aerospace sectors.

GRIP Options

Video Capture
The GRIP Dev can be supplied with a wide range of analog and digital video capture interfaces, including:
- RGB, PAL/NTSC
- HD-SDI, 3G-SDI
- DVI, CameraLink, Firewire, GigE Vision and others

Additional I/O
- MIL-STD-1553 and ARINC 429 interfaces
- Additional Serial, USB, and LAN ports
- GPIO, WiFi, GPS and others

Additional Storage
- Additional SSD, 1TB maximum
- External storage via SATA connector

Vision4ce Software
The GRIP DU units are compatible with
- DART video tracker
- GRIP-VMS
- DVR software

Hardware
- 4th or 6th gen Intel Core i7 Mobile Quad Core Processor
- Integrated Intel HD Graphics or discrete mainstream GPU with NVIDIA GTX 750Ti or 1050Ti (Pascal with 768 CUDA Cores - 1900GFLOPS
- 16GB DDR3 memory
- 60GB – (Up to1TB available) SATA III SSD (MLC)

I/O Connections
- Display – Up to 3 outputs combining single or dual link DVI, HDMI 2.0b,   DisplayPort 1.4 or VGA
- Serial –1 port, RS232 / 422 / 485 capable, DB9
- Serial – 2 ports, RS232, DB9
- USB - 4 x USB 2.0, 2 x USB 3.0
- Ethernet –2 ports, 10/100/1000Base-T, RJ45,
- PS/2 Keyboard & Mouse
- Audio LINE-IN/LINE-OUT/MIC-IN

Environmental
- Operating temperature -20°C to +50°C
- Storage temperature -40°C to +70°C

Power
- Power – 90-264VAC

Operating Systems
- Microsoft Windows 7 or 10 (32/64 bit
- Ubuntu or CentOS Linux (32/64 bit)

Mechanical
- Weight <9lbs, 4kg
- Dimensions 11.5"(W) x 4.5"(H) x 8.1"(D) (292mm x 115mm x 205mm)

EMC
- EN55022 Class A, EN55024
- Part 15, Class A

Designed and Manufactured in the UK

✓RoHS   CE   FC