30 Student Classroom Kit Specifications

STUDENT DEVICES (Google Pixel 2 XL)

Operating system
Android 11

System architecture/processor
Qualcomm Snapdragon 835 MSM8998 (10 nm)
CPU - Octa-core (4x2.35 GHz Kryo & 4x1.9 GHz Kryo)
GPU - Adreno 540

Memory (RAM)
4GB LPDDR4

Storage (ROM)
128GB

Dimensions
Height: 157.9mm
Width: 76.7mm
Depth: 7.9mm

Weight
175g

Display
P-OLED
6.0 inches, 92.6 cm2 (~76.4% screen-to-body ratio)
1440 x 2880 pixels, 18:9 ratio (~538 ppi density)
Corning Gorilla Glass 5

Battery
Li-Ion 3520 mAh, non-removable
10.5W wired (capped), PD2.0

Rear camera
12.2 MP, f/1.8, 27mm (wide), 1/2.55",
1.4µm, dual pixel PDAF, Laser AF,
OIS

Camera Features
Dual-LED flash, HDR, panorama

Video
4K@30fps (gyro-EIS),
1080p@30/60/120fps (gyro-EIS),
720p@240fps (gyro-EIS)

Front camera
8 MP, f/2.4, 25mm (wide), 1/3.2",
1.4µm, HDR

Connectivity
Type-C (reversible), USB 3.1

Bluetooth® technology
5.0, A2DP, LE, aptX HD

Wi-Fi
Wi-Fi 802.11 a/b/g/n/ac,
dual-band, Wi-Fi Direct,
DLNA

Speakers/microphones
Front ported loud speaker
Mic

Sensors
Fingerprint (rear-mounted)
accelerometer
gyro
proximity
compass
barometer

TEACHER DEVICE (Lenovo Tab 4 Plus 10)

Product Dimensions   **247 x 171 x 8.3 mm**
Screen Size   10.1 inches
Screen Resolution   1920 x 1200 pixels
Multi-touch Capacitive-type multi-touch, support 10-point touch
Qualcomm MSM8917 Snapdragon 425 (28 nm) (Wi-Fi/LTE model)

Processor Count   4
RAM Size   2 GB
Maximum Memory Supported 64 GB
Storage   16 GB
Hard Disk Technology   SSD

iNCHARGE CASE (C87)

VR cases and Parotec speciÿcations of electrics. Parotec Approvals:
CE Approved
ISO 9001 registered (2008)
Solutions based around our 16 & 36 x Port PCB Intelligence Board have been subject to testing at
Cass Industries Limited an compliance testing and CE marking partner for UK & EU requirements.

Parotec PCB Boards:
PCB Inner board Power consumption:
5V @ 34A maximum supply (each port is current limited to 2.1A)
Robust design with up to 35 possible ÿxing holes on uniform 25mm centres
IEC/EN 60335 compliant and CE certiÿed
Input voltage required up to 5.3V

Charge & Sync version of PCB also UL (USA) approved
*Charge Only boards currently used for VR kits. IF sending to US we would add Charge & Sync PCB's.

Parotec: Explorer Cases. Used to house all VR Kit.

Where no modiÿcation to the physical case is made these are fully waterproof and dust free.

Where we may have added external cooling fans the cases are reduced to weather proof and dust free.

DUAL BAND ROUTER (Asus RT-51U)

Powered by 5th generation Wi-Fi (5G Wi-Fi), the 802.11ac chipset
gives the RT-AC51U faster wireless speeds than N technology.

At 2.4 GHz, it reaches 300 Mbps, while on the 5GHz band it blazes
to 433 Mbps. The upgraded bandwidth has the higher capacity
you need to increase Wi-Fi enjoyment.

Twin detachable antennas allow for better alignment and stronger
antenna upgrades.

Faster transfer speeds with Gigabit network ports SPI Firewall with
IP and MAC address filtering

One touch wireless encryption with WPS button

Connections: 1x RJ45 WAN, 4x RJ45 LAN, x USB
Dimensions (HxWxD): 36 x 189 x 129mm

Case Dimensions

VR Viewer Case Dimensions: 680mm x 530mm x 400mm
VR Viewer Case Weight: 19KG

Mobile Device Case Dimensions: 680mm x 540mm x 400mm
Mobile Device Case Weight: 23KG

expeditions**pro**