

15 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

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)

iNCHARGE CASE (C87)

VR cases and Parotec specifications 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 jacking holes on uniform 25mm centres
IEC/EN 60335 compliant and CE certified
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 modification 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.

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

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

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

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

Dimensions: 870mm x 570mm x 370mm
Weight: 29KG