

# Personnel Food Computer 3.0 (PFC\_EDU) Specification Sheet

## Physical

Exterior	30x30x30 cm, 11.8x11.8x11.8 in
Grow Chamber	20x29x29 cm, 7.875x10.6x10.6 in
Weight W/Water	5.4kg, 12 pounds
Weight W/O Water	3.4 kg, 7.5 pounds
Water Capacity	2 liters, 0.53 gallons

## Electrical

Input Voltage	100-240V ~50/60Hz
Input Amperage	1.2A Max
PFC Voltage	24V
PFC Amperage	2.5A Max
Wattage	~60W

## Connectivity

Wifi	Standard
USB	Micro USB

## Light

Blue	450 Nm
Far Red	720 Nm
Warm White	3000K
Cool White	5000K
Green	520 Nm
Photo Red	660 Nm

## Embedded System

Controller	Beagle Bone Black Wireless
Operating System	Debian V9.3
Current Software Version	1.0.4

## Sensors

CO2	400ppm - 10000ppm
Air Temperature	-40C-125C +-0.2C, -40F- 257F +-0.4
Humidity	0-100%RH, +-1.8%RH
pH	Range 0-14
EC	K 1.0, 5-2000,000 uS/cm