

DTEC-6012-V / 6014-V

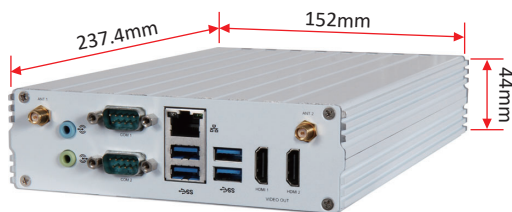
Medical Fan-less System with Intel®
7th Gen Core™ Processor



The DTEC-6012-V / DTEC-6014-V builds on Intel® Core™ i3-7100U / i5-7300U low power processor technologies that support DDR4 memory, dual HDMI, and one M.2 socket. DTEC-6012-V / DTEC-6014-V is an ideal platform with rich I/O and high resolution for Telemedicine and a perfect solution to control medical equipment with EN 60601-1-2:2015 (4th Edition) certified.

FEATURES

- Intel® Core™ i Fan-less Embedded Box PC
- 7th Generation Intel® Core™ i Low Power processor (codename Kabylake-U)
- Dual HDMI Display Interface
- Fan-less, Cable-less and Rugged Design
- Certified with EN 60601-1-2 (4th Edition)



12V DC IN

Power Button

General

Processor	- Intel® Core™ i3-7100U, QC, 2.30 GHz, 15 W - Intel® Core™ i5-7300U, QC, 2.40 GHz, 15 W
BIOS	AMI UEFI BIOS
Memory	Up to 16GB DDR4 2133 Non-ECC SDRAM on one SO-DIMM socket
Storage	1x SATAIII
OS Support	Windows 10, Linux, Ubuntu 16.04
Expansion Interface	- M.2 Key E 2230 - Half-size Mini-PCIe

I/O Interface

USB	4x USB 3.0
Serial Port	2x RS-232 DB-9 connector
Ethernet	1x Gigabit LAN
Display	2x HDMI, resolution up to 3840x2160 @30Hz
Audio	2x Audio Jack: Line-in, Mic-in & Line-out

Peripherals and Devices

WLAN & Bluetooth	802.11ac/a/b/g/n Wi-Fi+Bluetooth M.2 2230 Module
Wifi Antenna	2x Dual Band Antenna 2.4GHz + 5GHz

Power

Power Consumption	60W (Max.)
Power Input	DC 12V input with Power Adapter

Mechanical & Environmental

Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 80°C
Dimension	152(W) x 237.4(H) x 44(D) mm
Net Weight	1.45 kg
VESA Mounting	75mm x 75mm

