


AnyDATA®


AnyDATA DTP-600W

HSDPA High Speed Data Module

World's Smallest and Fastest HSDPA
Data Module with GSM Quad Band Capabilities

Ideal for High Quality Multimedia Streaming

The DTP-600W is AnyDATA's latest HSDPA module offering extraordinary data speed enhancements for applications utilizing both upload and download speed. Mobile users will enjoy fast browsing of websites and other rich media with higher graphic quality.

The capability for higher speed will usher in a new wave of devices for handling more demanding applications. The DTP-600W's small size and powerful feature set make it a prime choice for advanced mobile internet devices.

The module includes a standard Mini-PCI-E 52 pin connector for ease of integration into existing or updated mobile devices as well as a USB 2.0 interface. Download speeds of up to 3.6Mbps eliminates latency and improves user satisfaction.

The DTP-600W is the clear choice for an embedded module inside consumer electronic devices. The AnyDATA DTP-600W excels in the most important criteria for selecting an embedded module: reliability, cost, performance, and size.

Features

GPRS/EDGE/WCDMA/HSDPA (Qualcomm QSC6270)

High Speed Data Rate (3.6Mbps Download / 384 Kbps Upload)

Mini-PCI-E Form Factor

GPIO for Custom Interface

Full Speed USB

PS Data Call

USIM

Support for SMS Triggering

UART

Specifications

Operating Input Voltage: DC 3.4V ~ 4.2V

Dimensions: 30mm(L) X 50.95mm (W) X 4.5mm (H)

Weight: 13g or 0.46oz

Electrical WCDMA/HSDPA

Operating Voltage: Battery 3.4 ~ 4.2V

Sensitivity: less than -106.7dBm

HSDPA Data Rate: 3.6 Mbps (download) / 384 Kbps (upload)

Max Output Power: 24dBm (Power Class 3)

Frequency:

WCDMA850: 869 ~ 894 MHz (RX) / 824 ~ 849MHz (TX)

WCDMA1900: 1930 ~ 1990 MHz (RX) / 1850 ~ 1910MHz (TX)

WCDMA2100: 2110 ~ 2170 MHz (RX) / 1920 ~ 1980MHz (TX)

Mechanical

Antenna: Hirose, U.FL-R-SMT, 50ohm

Interface Connector: Mini-PCI-E 52Pin

Size, Weight: 30mm (L) x 50.95mm (W) x 4.5mm (H), 13g

Environmental

Operating Temperature: -10° C ~ 60°C

Storage Temperature: -40°C ~ 80°C

Humidity (Operating): 0%~90% noncondensing, 35°C

Software Specifications

GPRS/EGPRS Multislot Class 12

WCDMA Rel99 Compliance

HSDPA Rel 5 Compliance up to 3.6Mbps

Packet Data Service & USIM

Electrical WCDMA(UTMS) R99/GPRS/EGPRS

Sensitivity: less than -102dBm

GPRS.EGPRS Data Rate: Multislot Class 12: 48Kbps (up/down)

EGPRS Data Rate: 384Kbps (up/down)

Max Output Power:

[GSM/GPRS] at 850/900 band: 2W (Power Class 4)

[GMS/GPRS] at 1800/1900 band: 1W (Power Class 1)

[EDGE] at 850/900 band: 0.5W (Power Class E2)

[EDGE] at 1800/1900 band: 0.4W (Power Class E2)

Frequency:

GSM850: 869 ~ 894MHz (RX) / 824~849Mhz (TX)

GSM900: 925 ~ 960MHz (RX) / 880 ~ 915MHz (TX)

DCS1800: 1805 ~ 1880 MHz (RX) / 1710 ~ 1785MHz (TX)

PCS1900: 1930 - 1990MHz (RX) / 1850 ~ 1910MHz (TX)

External Interface

UART

USB 2.0

USIM

Custom GPIO

Power Supply: DC 3.4V~4.2V

Approvals/Certifications

R&TTE directive 1999/5/EC (health, safety, EMC, spectrum), CE

PTCRB/GCF certification & Microsoft WHQL certified drivers

FCC/CE Certification

Fully RoHS Compliant (lead-free manufacturing processes)

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