

# Ariel™ Transcoder GP version

Whether your content is consumed on mobile phones, TVs or computers, Gemiso Ariel Transcoder can cover. Ariel Transcoder can help post-production studios, small content post-production houses, broadcasters and non-linear editors to succeed with efficient workflow, great quality and stunning transcoding performance. Support most of Broadcast video formats as source

- Ariel Transcoder provides professional transcoding capabilities for digital distribution and over the top services
- Ariel™ Transcoder is transcoding 7 times faster than real time.  
(XDCAM HD → 1920x1080p h.264, SD video is much faster than HD.)
- Ariel™ Transcoder utilizes GPU for processing complicated encoding algorithm.

## Advantages

- **Not comparable Video Quality** : Deliver the highest quality video in h.264
- Simultaneous Processing for multiple files
- **Unprecedented Performance** : The unique architecture utilizing the Graphic Process Units provides the performance faster than you can ever imagined.
- **Intuitive Interface** : An intuitive user interface allows operators to deploy and run Ariel Transcoder immediately. Preconfigured settings are provided for the most common and popular output formats.



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## Specifications

### Output Formats

- Containers : MXF, MP4, MPEG-TS
- Video :
  - AVC/H.264(Baseline, Main, High)
  - MPEG2 (4:2:0, 4:2:2)
- Audio
  - AAC
  - Uncompressed WAV, PCM Audio



### Source Formats

- MXF OP1a(MPEG2, DV, AVC and others)
- MOV(Broadcast/Professional/Production Videos)
- MPG, MPEG, TS, MP4(MPEG2 and others)
- Most of the Broadcasting/Professional/Production videos
- MPEG2 (4:2:0, 4:2:2)

## System Requirements

- Operating System : Windows 2012 Servers or Windows 7/8
- CPU : Intel Xeon E3-1200 V4 series
- Memory : 16GB or higher
- HDD : OS for RAID-1 recommended
- Graphic : Integrated Intel Iris™ Pro Graphics P6300
- Storage :
  - SAN Supported with SNFS
  - NAS Supported
  - iSCSI SAN Supported with AVFS

