

Detectors

TPC	ITS	TRD	TOF	EMCAL	PHOS	MUON	HMPID	CPV	FMD	PMD	V0	T0	AD	ZDC	Acorde
216 links 3.125 GBit	60 links 2.125 GBit	18 links 4.0 GBit	72 links 2.125 GBit	40 links 2.125 GBit	15 links 2.125 GBit	22 links 2.125 GBit	14 links 2.125 GBit	1 link 2.125 GBit	1 link 2.125 GBit	6 links 2.125 GBit	1 link 2.125 GBit	1 link 2.125 GBit	1 link 2.125 GBit	1 link 2.125 GBit	1 link 2.125 GBit

High Level Trigger (HLT)

Splitters

66 HLT Input Nodes (FEP)

180 HLT
worker nodes
(172 compute
nodes)

Event merging,
round-robin
processing using
all nodes including
FEP and HLTOUT

8 HLT Output Nodes (HLTOUT)

To online
QA

28 HLTOUT links
5.3125 GBit

Data Acquisition (DAQ)

LDCs

GDCs

To permanent
storage

